



ANNUAL REPORT 2020-2021

BIOTROP ON THE VERGE

SEAMEO BIOTROP

Annual Report FY 2020 - 2021

Southeast Asian Regional Centre for Tropical Biology
Jalan Raya Tajur Km. 6
Bogor 16134, Indonesia

SEAMEO BIOTROP Annual Report FY 2020 - 2021

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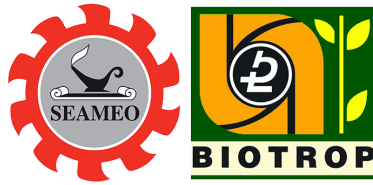
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Vision:

A Leading Centre in enriching and promoting the real values of tropical biology in Southeast Asia

Mission:

To provide scientific knowledge and build capacities of institutions and communities in conserving and managing tropical biology sustainably for the well-being of communities and the environment of Southeast Asia

GOVERNING BOARD CHAIR'S MESSAGE

These days, we are facing worldwide challenges on environmental problems such as land degradation, biodiversity loss, and climate change. These are cross-cutting issues that cannot be separated. In this fiscal year, I encourage SEAMEO BIOTROP to consolidate these global and regional issues into the Center's Programs and Activities. SEAMEO BIOTROP shall play a role as a connector among of multi-stakeholders' initiatives that reciprocally bridges science to policy and policy to science in responding to the regional demand across Southeast Asia.

Within the first 100 days of the leadership of the newly appointed Board of Directors, SEAMEO BIOTROP has been acknowledged by many stakeholders as a center that accommodates and serves many researchers as well as communities and vocational schools in the forms of internships, mentoring and partnerships. Many Memoranda of Understanding and Memoranda of Agreement have been signed between SEAMEO BIOTROP and research institutions, universities, vocational schools, and communities from Indonesia and abroad. Regular webinars and online talk-shows are presented by SEAMEO BIOTROP to deliver the designed programs and activities in articulating "Save Biodiversity" with the encapsulated vision "BIODIVERSITY ENRICHMENT FROM MOUNTAIN TO OCEAN FOR SUSTAINABLE HUMAN WELFARE".

We have transformed the challenges into opportunities for sharing knowledge and practices reaching audiences globally without any borders across space and time. It is relatively common now to any means of digital technologies and platforms to discuss important issues attended by national leaders, prominent academicians, and famous persons worldwide. I can see that this digital platform has been utilized efficiently by SEAMEO BIOTROP so the Center can deliver products and services related to the Center's core subject in accommodating the international conventions and national interests across Southeast Asia countries.

As the Chairman of SEAMEO BIOTROP Governing Board, I congratulate the Director of SEAMEO BIOTROP and his staff for the commitments and excellent work for the centre. In this era of globalization and competition, creativity, innovation and hard work are the key factors for survival.

Save Biodiversity!

Prof Dr Arif Satria, SP, MSi

Remarks of the Chairperson of SEAMEO BIOTROP Governing Board/Rector of Institut Pertanian Bogor (IPB) in the Opening Ceremony of the 59th SEAMEO BIOTROP Governing Board Meeting, 5 October 2021



DIRECTOR'S MESSAGE

Still in the midst of the pandemic, we choose to take the emerging constraints as opportunities. We have adjusted and reformulated SEAMEO BIOTROP's strategies and programs to progress further and improve its impacts even amidst this challenging time. In other words, SEAMEO BIOTROP does what it takes to keep excelling and prevailing in its programs and activities in the field of tropical biology. The keyword of it all is "transform".

As the Centre's 10th FYDP will expire by June 2022, in this fiscal year we have the opportunity to review and reconcile our strategic positions. We have conducted a self-assessment on the Center's existing capacity and expected targets. The indicators show that the Centre is leaning toward the Research-Connectivity Center. Promoting the tagline of "Save Biodiversity", the Centre has formulated its vision as Tropical Biodiversity from Mountain to Ocean (MoTO), which are then derived into three flagship programs, namely: "Ecosystem Restoration and Conservation", "Sustainable Use Biodiversity, Bioenergy, Biotechnology, and Food Security", and "Resilience in the Face of Global Climate Change".

We formulated transformation programs to make it easier in measuring the Centre's achievements and impacts. The program is called 10B's programs consisted of BIOMA (BIOTROP Management and Administration), BIOTA (BIOTROP Innovate Transformation for Action), BEE (BIOTROP Education Exchange), BIOSOBAT (BIOTROP School of Biodiversity and Technology), BLF (BIOTROP Leadership Forum), BIOMIND (BIOTROP Initiation and Network Development), BIOChar (BIOTROP Charity), BTS (BIOTROP to School), BIOMOP (BIOTROP Media Outreach and Publication), and BLEND (BIOTROP Learning and Enrichment Development).

Our highlighted research on horseshoe crab was conducted to investigate the haplotype diversity and genetic connectivity of 21 horseshoe crab species in Indonesia. Study on *Trigona* beekeeping was carried out to seek potential method of beekeeping that can produce propolis. Study on development of ecosystem health indices in Indonesia has entered its 3rd year to improve the existing environmental index. These research show the Centre's passion in managing tropical biodiversity.

This pandemic has speed up the digital technology utilization to overcome the limitation on traveling and large assembly. Our research and capacity building programs were conducted by maximizing the use of ICT platforms. Online and hybrid activities have become the norms in this "New Normal" era. All of those have opened up the possibilities of higher impact and lower cost activities.

Scientific visit to SEAMEO BIOTROP was prohibited during this fiscal year following the Government's regulation on Covid-19 prevention protocols. As an alternative for the scientific visit, the Centre's has developed virtual tour video and also virtual expo application as a means to increase the Centre's visibility and as a media for information dissemination. The Centre is also actively participating in virtual exhibition held by SEAMEO Secretariat and the Indonesian Minister of Education, Culture, Research and Technology.

Due to the travel restrictions imposed by the Government of Indonesia and other neighboring ASEAN countries, the 58th SEAMEO BIOTROP's Governing Board Meeting was conducted virtually for the first time ever. The meeting was held on 6 - 7 October 2020.

We thank the Governing Board Members, Government of Indonesia, SEAMEO, our partner institutions, and stakeholders for the continuous support rendered to SEAMEO BIOTROP activities. May our contribution make significant impact in enriching and promoting the real values of tropical biology in Southeast Asia.

Keep up the optimisms! Stay healthy and safe!

Dr Zulhamsyah Imran
Director of SEAMEO BIOTROP



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EXECUTIVE SUMMARY

SEAMEO BIOTROP continuously improves from year to year to deliver excellent services in implementing the Centre's main mandates, namely: Research, Training and Other Learning Activities, and Information Dissemination according to the FYDP 10th. The Centre stipulated the mandates into programs and activities to serve the targeted beneficiaries across the Southeast Asia region with refer to the Centre's vision "to be a leading Centre in promoting and enriching the real values of tropical biology in the Southeast Asia".

Some adaptations to the Centre's programs and outputs were made due to Covid-19 pandemic in accordance with the government's regulations, national situation as well as national budget revision. Nevertheless, the Centre endeavored to implement programs to achieve its targets as planned.

SEAMEO BIOTROP Annual Report 2020/2021 presents the Centre's achievements in three Key Result Areas, namely: Regional Leadership, Regional Visibility, and Solid Resource Base.

REGIONAL LEADERSHIP

During the fiscal year under review, the Centre conducted 22 National Research Projects from In-House Researchers and Partner Agencies that were completed in December 2020, and 30 national research projects which will be completed by the end of 2021. The specific theme of the research of 2021 were: "Restoration and Conservation Ecosystem; Sustainable Use of Tropical Biodiversity; Food Sovereignty; Ecosystem Resilience in Response to Climate change; Bio-energy; and Biotechnology Development". The research team shared the knowledge and findings through seminars, workshops, and FGDs virtually to participants from Indonesia and the region.

For the fiscal year 2020/2021, the Centre also funded 4 (four) National School Garden Action Research, and 1 (one) research proposals submitted by PhD students on Systematic Evidence Evaluation on Industry 4.0 Digital Technologies in Indonesian Food and Agricultural Sector and Its Implication on Pre- and Postcovid-19 Pandemic.

The Centre conducted 2 International Training Courses, 10 National Training Courses, 2 Conferences, 1 Webinar and 1 Workshop on the International Level; 28 Webinars, 2 Talk Shows, 3 Workshops, and 1 Focus Group Discussions on the National Level. A total of 8,016 individuals from government institutions, schools, universities, research centers and private sectors, benefited from these activities.

REGIONAL VISIBILITY

During the Fiscal Year 2020/2021, there were 83 signed Memoranda of Understanding (MoUs). Most of the MoUs are the cooperation with national entities, namely: 56 MoUs with Schools, 9 MoUs with Research Centres or Universities, 11 MoUs with Companies, and 7 MoUs with Foundations.

The examples of signed MoUs including: with Pennsylvania State University on developing collaborations in education, research and Community Development, with PT Garudafood on integrated pest management assessment, Embassy of the Republic of Indonesia in Tokyo, Japan on teaching and training for SILN in tropical biology, and Yayasan Konservasi Alam Nusantara/TNC about the Indo YTNC Water Fund Model Development Project.

For the period of July 2020 to June 2021, the Centre published 3 issues of BIOTROPIA Journal, 3 monographs and/or technical guidances on the Centre's research activities and expertise, and 1 proceedings on tropical biology and related fields. The Centre also disseminated information on the Centre's activities and products through quarterly BIOTROP Courier newsletter, brochures, official website, mass media, and social media. In supporting trainings courses and other learning activities, the Centre has produced 3 educational videos, 15 infographics, and 3 BIOSync podcast series. BIOTROPIA Journal is a SCOPUS indexed with Q4 level in accordance with the Scimago Journal Ranking (SJR).

To facilitate the rapidly growing needs on digital media content, the Centre have produced 3 (three) educational videos on 1). Steps on Hydroponics Cultivation, 2). Getting to Know Stingless Bee, and 3). Freshwater Lobster. In this fiscal year, the Centre launched a new program called "Bio Sync", a Podcast focused on the aspects of tropical biology.

After its operation at May 2020, the publication request system have accommodated 480 request for SEAMEO BIOTROP's publication. The publication request is submitted and processed through a web application available at <https://biotrop.org/publication>.

The Centre uses three platforms of social medial, i.e., Facebook, Instagram and Youtube Channel. As of June 2021 the Centre obtained a total of 3.6k Facebook page likes, 8.4k Instagram followers, and 5k Youtube channel subscribers.

During FY 2020/2021, the Centre facilitated 10 undergraduate students to conduct their research at the Centre's laboratories. The Centre also facilitated the internship and on-the-job training for 84 students.

For the period of July 2020 to June 2021, SEAMEO BIOTROP accommodated 16 visits consisted of 160 visitors. This number drops dramatically compared to the previous fiscal year period due to the restrictions and regulations by the Government of Indonesia. To accommodate the needs of virtual visits, the Centre have produced virtual tour video, as well as virtual exhibition application to accommodate visit program to SEAMEO BIOTROP.

School Fruit Garden for Education, Production, Genetic Conservation and Entrepreneurship in Agriculture Vocational Senior High Schools in Indonesia (SMARTS-BE) which was initiated since 2018, is still continued by completing 5 research and 7 ongoing research projects, conducted an FGD and Training Course on Geodatabase Management Application System for Monitoring and Diagnostics of HPT Plants SMARTS-BE Program, Training of Trainer: Tabulampot Development to Support Eco Agro Edu tourism.

SOLID RESOURCE BASE

SEAMEO BIOTROP have implemented new organizational structure since January 2021. The current organizational structure of SEAMEO BIOTROP is a structure that has been approved by the 58th GBM in 2020. This structure is considered to meet the needs of the current organization, taking into account the organizational mandate as well as existing internal and external issues.

SEAMEO BIOTROP has a new Director and DDA starting in 2021. Dr Zulhamsyah Imran from Institut Pertanian Bogor (IPB) was appointed to serve as the Centre's Director and Dr Perdinan as the Deputy Director for Administration, effective 1 January 2021, respectively.

At the end of 2020, SEAMEO BIOTROP has developed 1 administrative and management information system application (ISAIMaT). ISAIMaT is one of YFDP 10th targets: SEAMEO BIOTROP Integrated Administrative Information Management System. With the implementation of ISAIMaT at SEAMEO BIOTROP, the administrative and communication processes can be done more easily. Especially during this pandemic, where most of the SEAMEO BIOTROP staff have to work from home.

In the 2nd year of Covid-19 Pandemic, many activities have been carried out online providing good opportunities for staff to participate in these activities and increase their knowledge. There were 1,170 recorded activities that were attended by staff, including participants, resource persons, assessors, judges in an activity, presenters, instructors, moderators, and more than 100 staff became resource persons, facilitators, moderators, instructors, assessors, etc. in various seminars, conferences, workshops at national and regional levels.

For the fiscal year under review, the Centre received fund from the Government of Indonesia (GoI) as Operating Fund to cover staff salary and wages, operational expenses, and building and equipment maintenance. The Centre also received the annual Special Education and Development Fund (SEDF) from SEAMEO Secretariat which is intended for conducting regional and international trainings and seminars, research, Governing Board Meeting (GBM), and personnel exchange.



DESIGN AND ELEMENT

THE DESIGN

The fiscal year of 2020/2021 resonated the long journey of SEAMEO BIOTROP as one of the 26 Regional Centres and 1 SEAMEO TROPMED Network under the Southeast Asian Ministers of Education Organization (SEAMEO). SEAMEO BIOTROP established on 6 February 1968, hosted by the Government of Indonesia under the Secretary General of the Ministry of Education, Culture, Research and Technology of the Republic of Indonesia with a home base at Institut Pertanian Bogor (IPB), Bogor, West Java Province, as regulated by the recent Ministerial Decree No. 28/2018.

SEAMEO BIOTROP continuously improves from year to year to deliver excellent services in implementing the Centre's main mandates, namely: Research, Training and Other Learning Activities, and Information Dissemination according to the FYDP 10th. The Centre stipulated the mandates into programs and activities to serve the targeted beneficiaries across the Southeast Asia region with refer to the Centre's vision "to be a leading Centre in promoting and enriching the real values of tropical biology in the Southeast Asia". The programs and activities are developed and modified to adapt with reference to the ensuing international frameworks, national interests, and the Centre's modalities and capacities.

This fiscal year also provides the baseline for the Centre to formulate its strategies and plans for the next five years as the 10th FYDP will be expired by June 2022. Learning from the Centre's mandates, the international challenges on environmental treaties on Climate Change (UNFCCC), Biodiversity (UNCBD), and Land Degradation (UNCCD) adopted by the ASEAN and the host country, Indonesia. the Centre promotes the focal theme on "Tropical Biodiversity Enrichment" to advocate program actions from laboratory to field works. This focus helps the Centre to define management strategies and indicators in order to enhance the Centre's leaderships, visibility, and solid resource base as the Key Resource Areas of the SEAMEO Strategic Plan 2021-2030 and 9th SEAMEO Integrated Operational Plan. The Centre formulates strategic actions for restructuring the functions of management units (i.e., Department, Laboratory, Service and Business Units) and the main indicators toward institutional recognition and infrastructure sustainability (Figure 1).

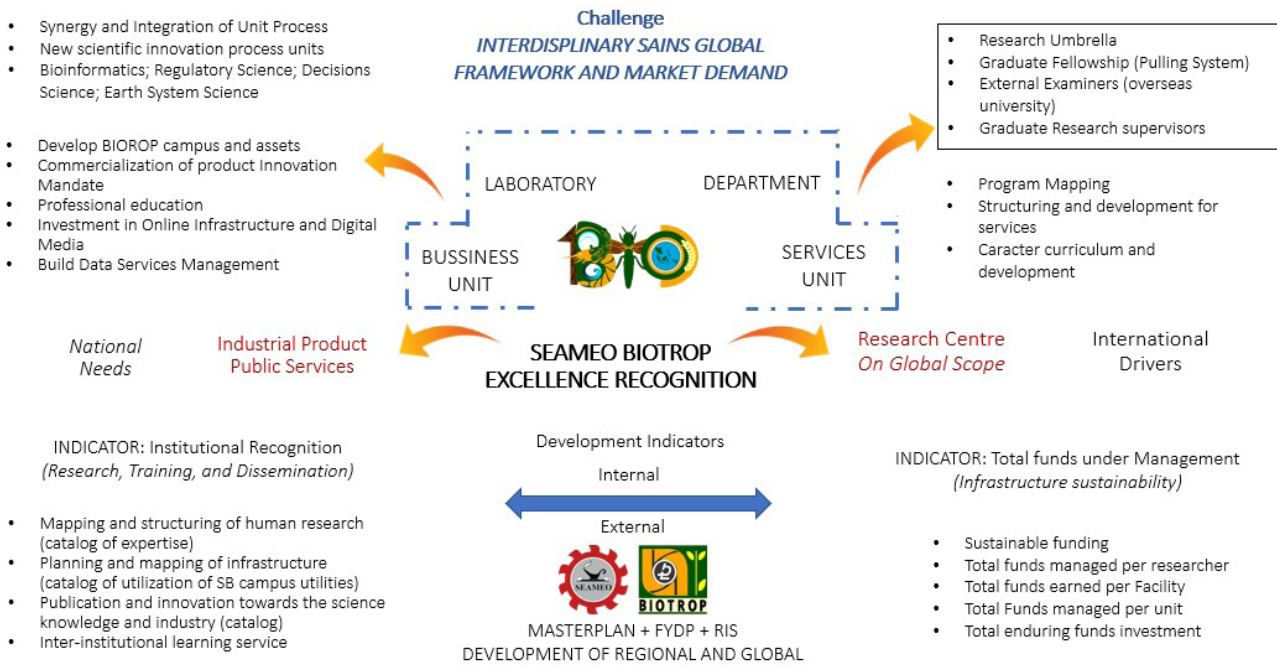


Figure 1. The strategic actions for restructuring the functions of management units and the formulation of main indicators grouped into institutional recognition and infrastructure sustainability towards SEAMEO BIOTROP Excellence Recognition

From year to year, the Centre activities and its achievements must be reported annually in the form of Annual Report (AR) document. The AR document is requested in accordance with the SEAMEO BIOTROP Enabling Instrument ARTICLE XII No. 5 and No. 7 that stated the Centre's Director approved by the Governing Board shall submit the annual report to the SEAMEO Council through the SEAMEO Secretariat. The Centre's accomplishments included in the AR for FY 2020/2021 are classified into SEAMEO's three Key Result Areas (KRAs), namely: Leaderships, Visibility, and Solid Resource Base. These KRAs, which are now further elaborated by the Centre Directors Meeting and SEAMEO Integrated Operational Plan (SIOP) Workshop (21 - 22 July 2021) into more targeted subjects: 1) Regional leadership and international and global visibility, 2) Program excellence and SDG relevance, 3) Strategic partnership, stakeholder engagement, and linkages, and 4) Digital transformation and rapid change adoption, emphasize to measure the Centre's performance with refer to excellent contribution on improving knowledge, capacity, and skills of the targeted beneficiaries in the host country and across the SEA region. Therefore, the AR Document FY 2020/2021 are grouped into the previous three KRAs, and the achievements are discussed with regards to the recent KRAs. The AR document also serves as a promotional material encapsulating the Centre's capabilities in delivering its mandates that will be distributed to the Centre's stakeholders.

The fiscal year of 2021/2022 is also considered as a turbulent year as the Centre must adapt with the Covid-19 pandemic situation. The Centre's programs and activities should be conducted using hybrid mechanism or fully online which require the Centre to utilize IT platforms. This challenging situation in combination with the International and National requirements force the Centre to reconcile its strategic position. SEAMEO BIOTROP is on the "Verge" to classify the Centre's main function as a research centre, a service (production) centre, or a connectivity centre. The Centre conducted a self-assessment on the Centre's existing capacity with regards to available human resources and facilities in delivering the mandates and expected targets. A set of indicators was established to define each main function (Figure 2). The indicators help the Centre in measuring the Centre's existing capacity as a basis to formulate strategic plans to achieve the targeted indicators. The Centre's mandates and the classification indicators display a situation where the Centre is leaning toward the Research - Connectivity Centre. This acknowledgement means the Centre should establish more partnerships and connect research outputs that can be used as a reference for others or future works in the region.

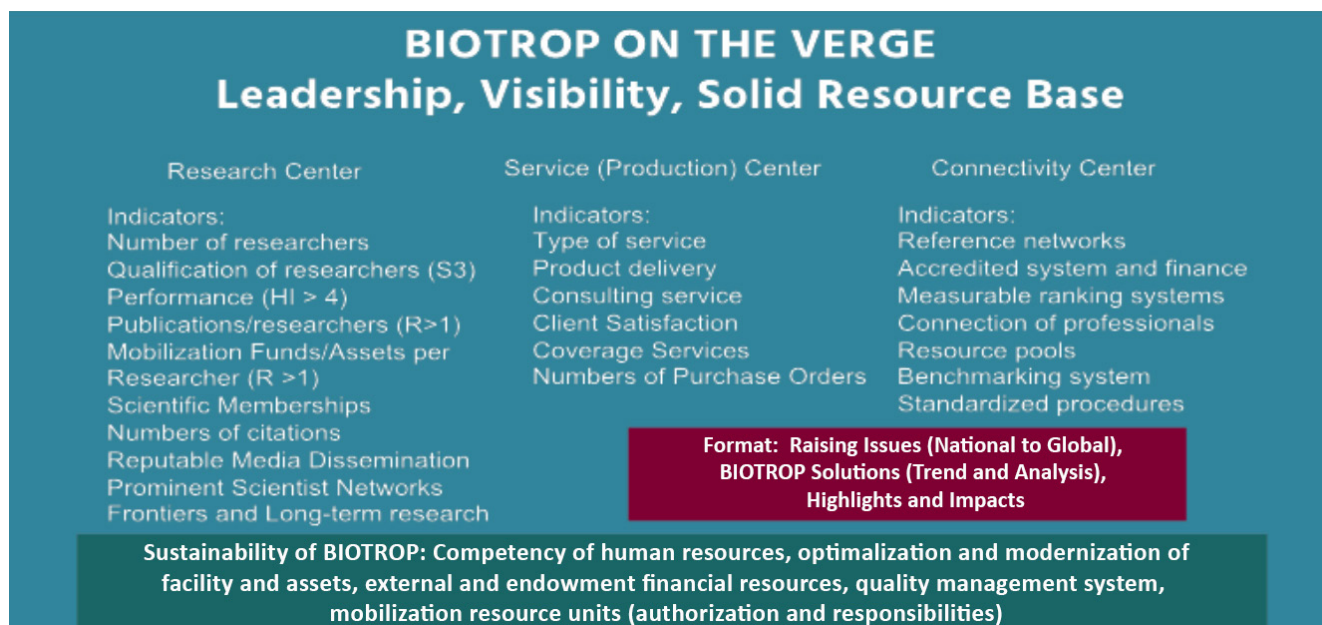


Figure 2. Classification of the functions completed with indicators to measure the Centre strategic position on delivering the mandates on research, trainings, and information dissemination with regards to human resources and facilities

The acknowledgement of the role as the Research - Connectivity Centre encourage the Centre to formulate the research themes for program actions. Promoting the tagline of "Save Biodiversity", the flagship program are framed with the target of Tropical Biodiversity from Mountain to Ocean (MoTO), which are then derived into three flagship themes, namely: 1) Ecosystem Restoration and Conservation, 2) Sustainable Use Biodiversity, Bioenergy, Biotechnology to Support Food Security, 3) Resilience in Facing Global Climate Change. The flagships are employed as a base to design measurable programs and activities with targeted deliverables to contribute in achieving Knowledge Industry and Society (Figure 3). The main activities are grouped into four focal area with regards to the three flagships and new direction made by the ministry as the coordinating institution to elevate the Centre's contribution on tropical biology in the region. The targeted activities are:

- Literacy and education on climate change and environment. This group of activities covers works on improving literacy and education on climate change, disasters, and biodiversity in the tropics targeted to students from high schools to undergraduates.
- Integrated digitalization system for natural and man-made ecosystems. The activities cover works on the development and/or utilization of digital technology and media for learning processes and managing information on tropical biodiversity, ecosystem conservation and restoration, and nature-based solutions.
- Sustainability of biotechnology, biodiversity, bioenergy for food supply. The activities include utilization of biotechnology and/or modified environment applied to tropical biodiversity from terrestrial to marine ecosystem to produce bioenergy and/or maintain food supply.
- Agroecoeedu-tourism of fruits, vegetables and aquatic commodities. The activities include development of vocational education for tropical fruits, vegetables, and aquatic commodities working together with teachers and students of vocational or high schools and universities across the region.

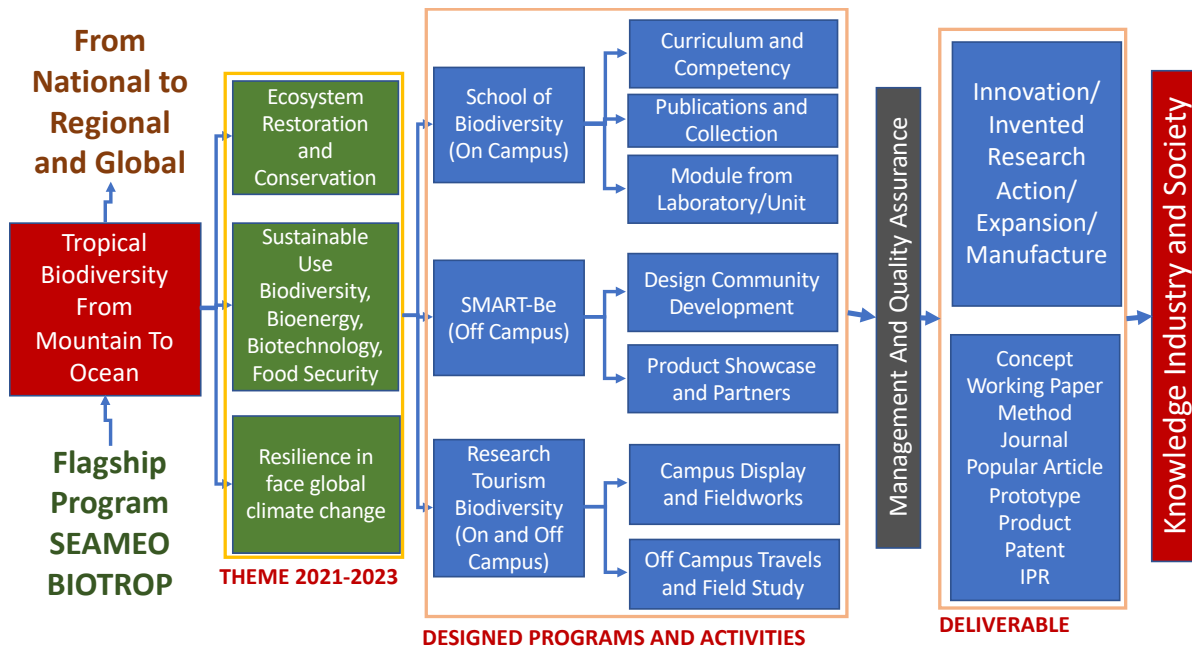


Figure 3. Design programs and activities with refer to the Centre strategic position on delivering the mandates on research, trainings, and information dissemination with regards to expected deliverables to enhance knowledge industry and society

THE ELEMENT

A. The Paradigm Shift

This fiscal year was also signified by change in the structure of Director Board (BoD). The new BoD initiated an acceleration program called BIOTROP in 100 days (BID100) started from January to April 2021. The acceleration program was mainly targeted to boost the Centre’s visibility and gather inputs from a wide range stakeholders participated in a various forms of stakeholders’ engagements. There were about 20 seminars, 3 training activities, and 2 workshops with a total participant of 3,799 people coming from Indonesia about 3,585 people, and the Asian region (i.e., the Philippines, India, Japan) about 53 people. The participants were exposed with a variety of topics related to tropical biology such as Regional Training Course on The New Concept of Weeds and Their Management, Reproductive Technology-Contribution to Food Independence, Health and Animal Protection, and Tissue Culture Technology for the Provision of Plant Seeds, and many others. These initiatives provided an insight that the Centre should formulate transformation programs to ease measuring the Centre’s achievements and impacts. The programs are named “10Bs” programs and detailed in Figure 4. The 10Bs are more directed to manage a series of activities into a group of program so that it can be easily recognized. The abbreviation for each name of the 10Bs can be seen in Figure 4.

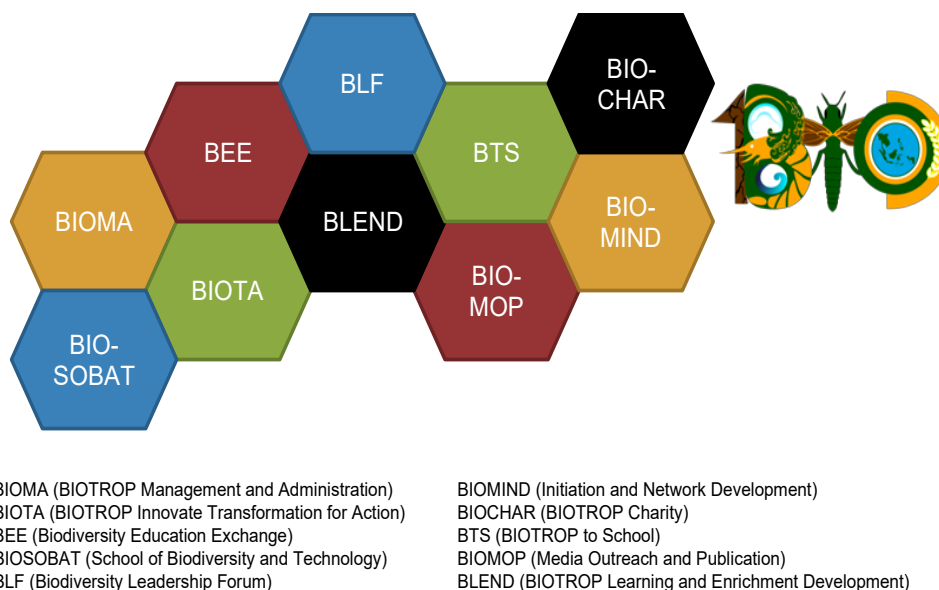


Figure 4. The transformation programs of SEAMEO BIOTROP directed to elevate the Centre’s achievements and impacts. The transformation stands for Transboundary for Management Action

The spirit of BID100 suggested the needs to design integrated activities for the Centre’s mandates on research, trainings and other learning events, and information dissemination. The research activities will be the backbone of the Centre to develop contents required for trainings and other learning events as well as information dissemination. The research activities are planned to be measured based on targeted outputs. This target may be implemented for the next fiscal year as now is considered as the baseline condition. Most research activities were funded by the Government of Indonesia and contracted to the affiliates who submitted the proposal to the Centre. This route may pose some challenges to connect the research outputs and trainings or other learning events (TOLE). The information dissemination may produce publications which are not directly related with the research outputs and the products of TOLE. This lesson learn urges the Centre to specify the main tasks of each institutional units responsible for the main mandates and modes of approaches to produce targeted outputs. These outputs are purposed to sustain the Centre’s services in reaching wider audiences. In short, research activities conducted in laboratory and fields should accommodate the needs of users that can be communicated via stakeholder’s engagements through the TOLE activities and produce tangible products such as journals, prototypes, books, modules, and etc. (Figure 5). Meanwhile, the TOLE shall be conducted using products such as modules, tools, prototypes resulted from the research activities that are designed for the TOLE activities. This connection will help information dissemination to deliver the research and TOLE products to reach as much as beneficiaries in Indonesia and the SEA region. The beneficiary feedbacks (Figure 5) are added to measure satisfaction and collect inputs from the Centre’s stakeholders.

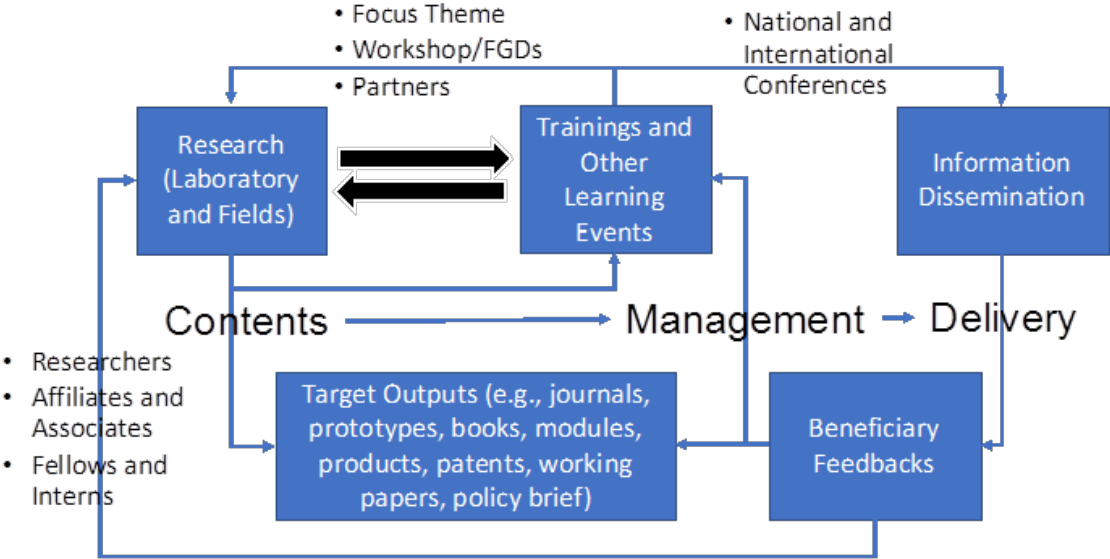


Figure 5. Design management for connecting the deliverables of the three main mandates on research, training and other learning events (TOLE), and information dissemination

The Centre also continued the newly design of connecting the Centre’s mandates (Figure 5) by proposing the flow of procedures related to the required human resources (HR), facilities and assets, and financial budgets and sources to support the Centre’s activities for the mandates to achieve the targets. Figure 6 explains that the Design of Activities and Outcomes will drive the entire needs of supports from the Centre. The needs include HR competencies, allocation of facilities and assets (capital costs), and financial budgets (consumables and maintenance) that are required to conduct planned activities. The employed resources should produce outputs or products which are optimized in accordance with the expected outcomes and impacts. All of the outputs and products resulted from the Centre’s activities conducted with the new Paradigm Shift are compiled and reported in the Annual Report FY 2020/2021 document.

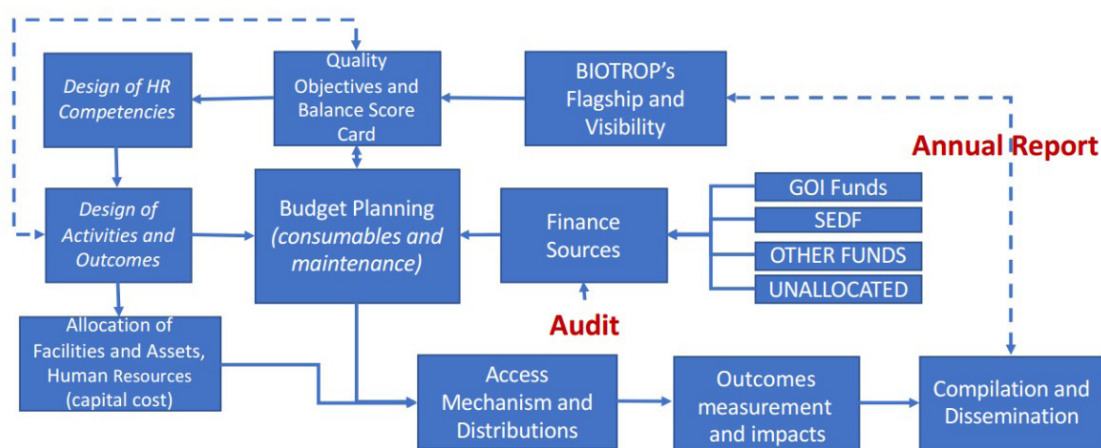


Figure 6. The flow of procedures to allocate required human resources, facilities and assets, and budgets for conducting planned activities and expected outcomes or impacts for the Fiscal Year 2020/2021

B. The Report Structure

The draft of AR FY 2020/2021 is comprehensively structured into three main elements to measure the impacts of the Centre activities to respond the pressing environmental challenges. The summary of the activities and achievements are presented in Table 1. The details for each group and/or component are explained in the Detailed Activities section. The discussion for each group will cover essential elements composing of 1) Raising Issues at the National to Global, 2) The Centre's Solutions, and 3) The Impacts of the Centre's activities. The Annual Report is also completed, whenever is available, with data on the Centre's program and activities for the last four years and results' evaluation of the targets set in the 10th Five-Year Development Plan.

Table 1 The activities and achievements of SEAMEO BIOTROP for Fiscal Year 2020/2021

Components	Activities	Deliverables/Products	Budgets	Beneficiaries
Regional Leadership				
Research	30 National Research	30 Reports, 3 National Journals	1,969,203,000 IDR (GOI)	National audiences
	1 Research Projects from PhD Thesis Support Grantees	1 Reports, 1 Application/Digital Technology	50,000,000 IDR (GOI)	Government, Scientific communities
	4 Research Projects from School Garden Teacher	4 Reports, 1 Liquid Organic Waste, 1 Model GREEN (Garden Resources, Education, and Environment Nexus) Media	40,000,000 IDR (GOI)	Teachers, schools
	22 National Research Projects from In-House Researchers and Partner Agencies (completed)	22 Reports, 2 International Journals, 1 software (electronic spreadsheet) and its guide on ecosystem health assessment	1,750,000,000 IDR (GOI)	Government, communities, universities, schools, private sectors
	3 Research Projects from PhD Thesis Support Grantees (completed)	3 Reports, 1 scientific publication	110,000,000 IDR (GOI)	Scientific, community
Trainings & Workshops	2 International Training Courses and 10 National Training Courses	12 Reports	219,301,808 IDR	Government institutions, schools, universities, research centers, non-governmental institutions, and private sectors, and other countries (954 individuals)
	2 Conferences, 1 Webinar and 1 Workshop on the International Level; and 28 Webinars, 2 Talk Shows, 3 Workshops/Focus Group Discussions on the National Level	37 Reports	183,102,903 IDR	Universities, schools, research centers, government institutions, NGOs and private sectors, and other countries (7,062 individuals)

Components	Activities	Deliverables/Products	Budgets	Beneficiaries
Regional Visibility				
Partnerships	83 Memoranda of Understanding (MoUs) were signed	66 Memoranda of Agreements (MoAs) were driven to implement the cooperation	140,388,000 IDR (GOI)	Schools, research centers, universities, private companies, and foundations both from national and regional levels
Publications	Disseminating scientific papers: journals, monographs and/or technical guidances, and proceedings in the field of tropical biology issues	3 issues of BIOTROPIA Journal, 3 monographs and/or technical guidances on the Centre's research activities and expertise, and 1 proceedings on tropical biology and related fields, and 20 research reports	184,893,500 IDR (GOI)	Schools, scientific communities
	Disseminating information on other media	3 educational videos, 15 infographics, and 3 BIOSync podcast series	88,365,620 IDR (GOI)	Schools, scientific communities
Internships	10 research and 84 internship or on job training conducted at the Centre's laboratories, research fields and supporting departments	94 internship reports	-	Universities, schools and research institutions
Visits	The Centre accommodated 160 visitors from 16 visits	Collaboration with the Centre to enhance the students' knowledge on biology science and related topics	-	Schools, universities, ministries, government agencies and private companies both from national and regional levels
Special Program (SMARTS-BE)	7 Research on SMARTS-BE Program (on-going)	7 Reports, 4 Productive Fields, 1 Geolocation and Expert System Diagnostic, 1 Smart Hydro-Aquaponic	1,153,638,000 IDR (GOI)	Schools, universities
	5 Research on SMARTS-BE Program (completed)	5 Reports, 4 Productive Fields, 1 Geolocation and Expert System Diagnostic	546,658,000 IDR (GOI)	Schools, universities

Solid Resource Base

Administration Management		3 Centre's Flagship Program -> 10 main programs		
	On-Going Memorandum of Understanding/Memorandum of Agreement and Contracts	Contract duration: 2 years	-	SMK Negeri 1 NISAM and SEAMEO BIOTROP
	Completed Memorandum of Understanding/Memorandum of Agreement and Contracts	Contract duration: 2 years	-	New Future Management Centre and SEAMEO BIOTROP
Staff Development	Scientific Training Courses, Workshops, Conferences and Symposia Attended by SEAMEO BIOTROP's Staff during FY 2020/2021	937 participants; 158 resource persons; 47 moderators; 13 assessors; 3 facilitators; 1 responder; 1 examiner; 3 experts; 1 resource person's assistant; 1 panel speaker; 2 presenters; 2 reviewers; 2 committees; 3 MCs	91,589,642 IDR (GOI)	SEAMEO BIOTROP's Staff
Facility Improvements	Manage the Centre's facilities and equipment (improvement, refinement, maintenance)	SOP; Developed mechanism to evaluate the optimal use of the facilities and assets (Evaluation Reports)	1,983,251,748 IDR (GOI)	To support the Centre's mandates on research, trainings and disseminations
Financial Viability		Centre received a total of IDR 21,965,160,000 from Government of Indonesia, USD 71.000 from SEAMEO, and other funds from cooperations with partners.	95,000,000 IDR	To support national research, training, information dissemination and operational activities



ACTIVITIES AND ACHIEVEMENTS

REGIONAL LEADERSHIP

Research

For the fiscal year in review, the Centre funded 30 on going national research, 1 On-Going Research Projects from PhD Thesis Support Grantees, 4 On-Going Research Projects from School Garden Teacher, 22 Completed National Research Projects from In-House Researchers and Partner Agencies, and 3 Completed Research Projects from PhD Thesis Support Grantees. The research team shared the knowledge and findings through seminar, workshops, and FGDs virtually to participants from Indonesia and the region. The Centre also proposes to lead research on essential oils in collaboration with TROPMED and SEARCA.



Trainings and Workshops

For the fiscal year in review (July 2020 - June 2021), SEAMEO BIOTROP conducted two international training courses and ten national training courses. A total of 954 individuals from government institutions, schools, universities, research centers, non-governmental institutions, and private sectors, benefited from these activities. Meanwhile, the other learning events consisted of two conferences, one webinar and one workshop on the international level; and twenty-eight webinars, two talk shows, three workshops, and focus group discussions on the national level. A total of 7,062 individuals from universities, schools, research centers, government institutions, NGOs and private sectors, benefited from these activities.





REGIONAL VISIBILITY

Partnerships

The Centre also actively established cooperations with potential partners nationally and regionally. For the FY 2020/2021, there were 83 signed Memoranda of Understanding (MoUs).

Most of the MoUs are the cooperation with national entities, namely: 56 MoUs with Schools, 9 MoUs with Research Centres or Universities, 11 MoUs with Companies, and 7 MoUs with Foundations. Of those MoUs, about 66 Memoranda of Agreements (MoAs) were driven to implement the cooperation. This implementation mobilizes external funds of about IDR 974,901,000 or equal to USD 68,655.

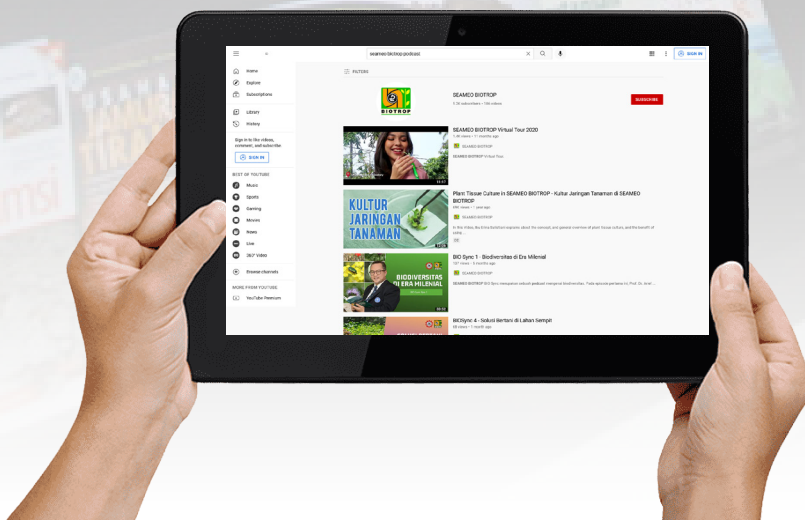
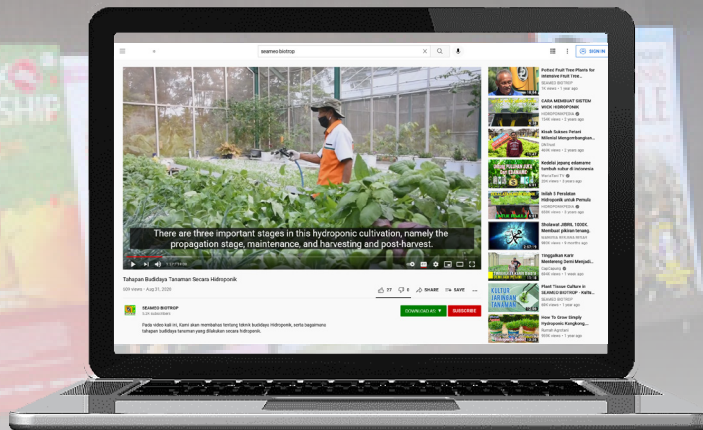
The regional cooperation is initiated through collaborative meetings with TROPMED, SEARCA, UNESCO, DAAD, and etc., however, there are no implementations.



Publications

For the period of July 2020 to June 2021, the Centre published 3 issues of BIOTROPIA Journal, 3 monographs and/or technical guidances on the Centre's research activities and expertise, and 1 proceedings on tropical biology and related fields. The Centre also disseminated information on the Centre's activities and products through quarterly BIOTROP Courier newsletter, brochures, official website, mass media, and social media. In supporting trainings courses and other learning activities, the Centre has produced 3 educational videos, 15 infographics, and 3 BIOSync podcast series.

BIOTROPIA Journal is a SCOPUS indexed with Q4 level in accordance with the Scimago Journal Ranking (SJR).





Internships

The Centre accommodated 94 participants to conduct their internships at the Centre's laboratories, research fields and supporting departments. It included 10 post graduate students to conduct their research under supervision of the Centre's staff and experts.



Visits

Due to the Covid-19 Pandemic, the Centre limited the number of visitors. In the period of July 2020 to June 2021, the Centre accommodated 160 visitors from 16 visits, from various schools, government agencies, private companies. The purpose of the visits was to develop collaboration with the Centre and to enhance the visitors' knowledge on tropical biology and related topics. The Centre developed a Virtual Tour video and Virtual Expo System to exhibit its programs, activities and facilities.



SOLID RESOURCE BASE

Administration Management

Referring to the Letter of Appointment signed by the President of SEAMEO Council on 31 March 2021 and Letter of Appointment signed by the Centre's Board Chairperson on 26 October 2020, Dr Zulhamsyah Imran of Institut Pertanian Bogor (IPB) was appointed to serve as the Centre's Director and Dr Ferdinan as the Deputy Director for Administration, effective 1 January 2021, respectively. In ensuring the effective and efficient implementation of management system, the Centre continues to adopt the ISO of 9001:2015. The Centre made adjustment in the organization structure in responding to national and international issues to comply with effective and efficient governance system. The Centre also launched 10 main programs as a derivation of the three Center's Flagship programs to increase the Centre's contributions and enhance the Centre's visibility.



Staff Developments

During the period July 2020 - June 2021, more than 100 staff became resource persons, facilitators, moderators, instructors, assessors, etc. in various seminars, conferences, workshops at national and regional levels.

The Centre also provided opportunities for staff development to more than 70 percent of staff members, such as attending training courses, conferences, seminars, workshops and symposia in Indonesia and abroad.

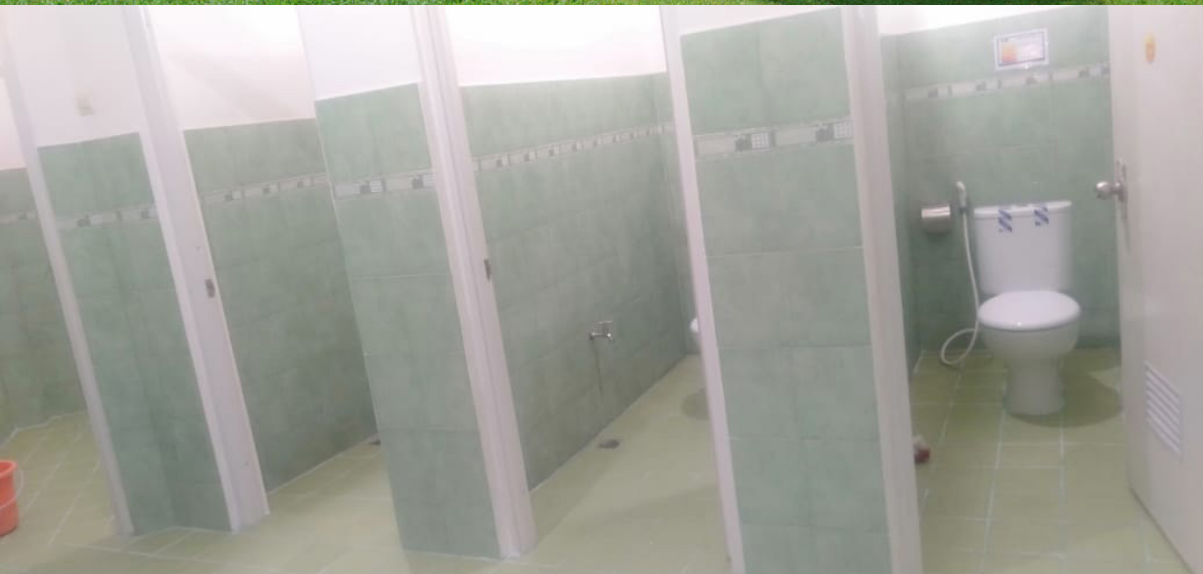
Within the 2nd year of Covid-19 Pandemic, many activities were carried out by using online platform which provided a lot more opportunities for the staff to participate in those knowledge exchange events and increase their knowledge.

There were 1,170 activities attended by the Centre's staff as participants, resource persons, assessors, moderators, presenters, instructors, judges in an activity and others.



Facility Improvements

The Centre managed its facilities and equipment, including improvement, refinement, maintenance, and procurement, in accordance with the standard operating procedures of facility and assets management guided by the Gol. The SOP required the Centre to report regularly via electronic system established by the Gol and to allow any visitations and/or spot checks when is requested. The Centre is also now developed mechanism to evaluate the optimal use of the facilities and assets in supporting the Centre's mandate on research, trainings, and disseminations. The evaluation report is expected to be available in the next fiscal year in responding to the principle of solid resource base.





Financial Viability

For the fiscal year of July 2020 to June 2021 the Centre received a total of IDR 21,965,160,000 or equal to USD 1,568,940 (1USD is approximately IDR 14,000) from the Government of Indonesia to support national research, training courses, information dissemination and operational activities, and USD 71,000 from SEAMEO to support regional research and training courses, international conferences, Governing Board Meeting and personnel exchange programs.

The funds were mobilized with regards to the standard procedure established by the Centre in accordance with the Gol guidance and the FOM guideline. The funds from cooperations with partners, i.e., mostly at the national level, were also received and disbursed following the standard procedures. The Centre currently establishes impact-based measures for funds utilization per researcher or staff and unit or department which corresponds with the deliverables in the forms of publications, services and products.



**DETAILED
ACTIVITIES REPORT**

RESEARCH

Raising Issues (National To Global)

Biodiversity is a diversity in the form of organisms that shows the overall variation of genes, species, and ecosystems in an area. Degradation, fragmentation and overexploitation of habitats, invasion of alien species, pests and diseases, global climate change is threats to biodiversity in Indonesia. Population growth and economic development contribute to many environmental problems in Asia. According to the World Bank, climate change will have a severe impact on Indonesia. These include pressure on land, habitat destruction and loss of biodiversity, water scarcity and water pollution, air pollution, global warming, and climate change. It is estimated that in the next 30 years, around 2,000 small islands in Indonesia will sink when the increase of seawater reaches 0.80 m. Climate change occurs because of increasing greenhouse gas concentrations (GHG) and carbon dioxide (CO₂) in the atmosphere, which have implications for rising sea levels due to the melting of ice at the North and South Poles. In a world with rapid climate change and land degradation due to anthropogenic causes, restoration is one of the two methods that could be used to slow the rate of species extinction, restore biodiversity loss, and improve the ecosystem services of the degraded ecosystems.

Apart from climate change phenomena, food and energy sovereignty have become critical issues for a country because these two matters are crucial factors that mark the independence of a country. Recently Asia needs to rely on energy efficiency improvements to meet its growing energy demand, which has been driven by industrialization, urbanization, and rising incomes among the ballooning middle class. In Southeast Asia, food security is being fundamentally altered as patterns of food consumption and production change. Furthermore, there is a need to support the consumption of diversified food sources within the region, including protein sources that provide the full array of essential amino acids. In addition, energy demand growth in Southeast Asian countries is predicted to be the highest globally, with Indonesia having the highest urbanization rate. Energy efficiency improvements and investments in green technology development are necessary to mitigate climate change's adverse impacts.

Solutions

SEAMEO BIOTROP has been trying to overcome the issues which happening on a national and regional through doing research activities. The scope of ongoing research activities at SEAMEO BIOTROP is divided into two groups which are closely related to the Integrated Strategic Plan of the Ministry of Education, Culture, Research and Technology of the Republic of Indonesia. First, research related to the field of applied tropical biology where the research is carried out regularly at SEAMEO BIOTROP. Second, tropical fruit research to study the development of tropical fruits in Indonesia. These studies are selected research that supports the SEAMEO 7 Priority programs, Agenda for Sustainable Development Goals (SDGs) 2030, Conference of the Parties (COP) of the Convention on Biological Diversity (CBD), The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), and the ASEAN Center for Biodiversity. The output of these studies is expected to improve the quality of life of Indonesian people and increase productivity and competitiveness in the international market so that the Indonesian nation can advance and rise together with other Asian nations to align themselves with nations that have advanced from the mastery of science and technology.

The research program at SEAMEO BIOTROP is aligned with the 2020-2024 National Medium-Term Development Plan (RPJMN) launched by the Ministry of National Development Planning/BAPPENAS in 2019 so that opportunities for research and development of tropical biology research and education at SEAMEO BIOTROP can be planned and directed to (1) support national food security programs, poverty alleviation, and community empowerment; (2) productivity of agricultural land and plantations; (3) restoration of degraded ecosystems; (4) exploration of coastal and marine biological resources and creation of innovation; (5) transition to renewable energy and energy efficiency; (6) protection and sustainable management of biodiversity in the Southeast Asia region; (7) waste management and industrial management; (8) institutional improvement and governance. Based on the SEAMEO BIOTROP Five-Year Strategic Plan contained in the 10th FYDP (Five Years Development Plan of SEAMEO BIOTROP), the focus of research to be carried out in 2021 is related to the three Program Thrusts of SEAMEO BIOTROP, namely: 1. Restoration of the Degraded Ecosystem, 2. Sustainable Management of Intensively Used Ecosystems/Landscapes, and 3. Conservation and Sustainable Use of Unique Ecosystems/Landscapes of High Biodiversity.

A total of 60 research projects were conducted during the DIPA and Non-DIPA in the FY 2020/2021. The regular DIPA (tropical biology research) consisted of 20 completed research and 26 on-going research projects and to be completed by the end of 2021. Research projects in the Non-DIPA are still on-going. On the other hand, the special program SMARTS-BE conducted

Highlights

Output

The regular DIPA Research Program of SEAMEO BIOTROP for the 10th FYDP funded 116 types of research with total fund of IDR 9 billion, disbursed to: 1. SEAMEO BIOTROP's Affiliate Scientists (36 studies); 2. partner institutions (30 studies); 3. SEAMEO BIOTROP's internal researchers (13 studies); 4. Regional joint research with international institutions (5 studies); 5. Schools' teachers (15 studies); 6. PhD students (13 studies); 7. YEO program (3 studies). The implementations of those research projects were within the three SEAMEO BIOTROP's Program Thrusts. The grouping of DIPA research projects based on the three SEAMEO BIOTROP's Program Thrusts is presented in Figure 7.

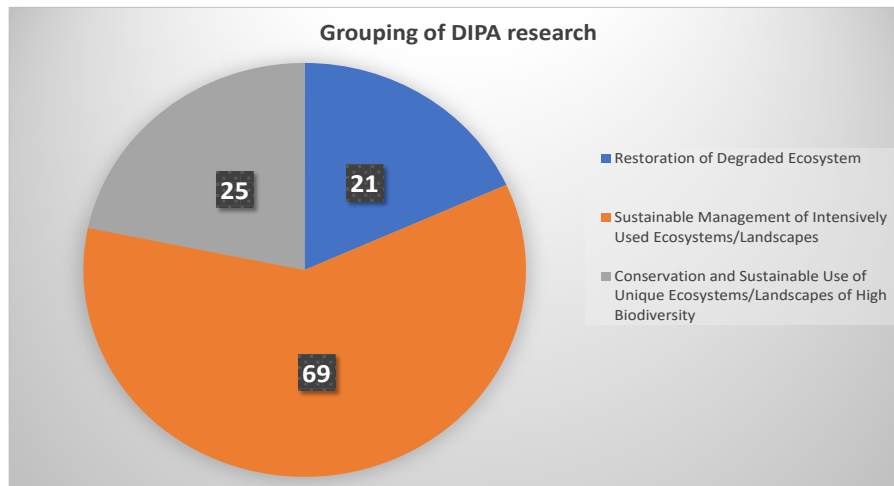


Figure 7. The grouping of DIPA research projects based on the three SEAMEO BIOTROP Program Thrusts of the 10th FYDP

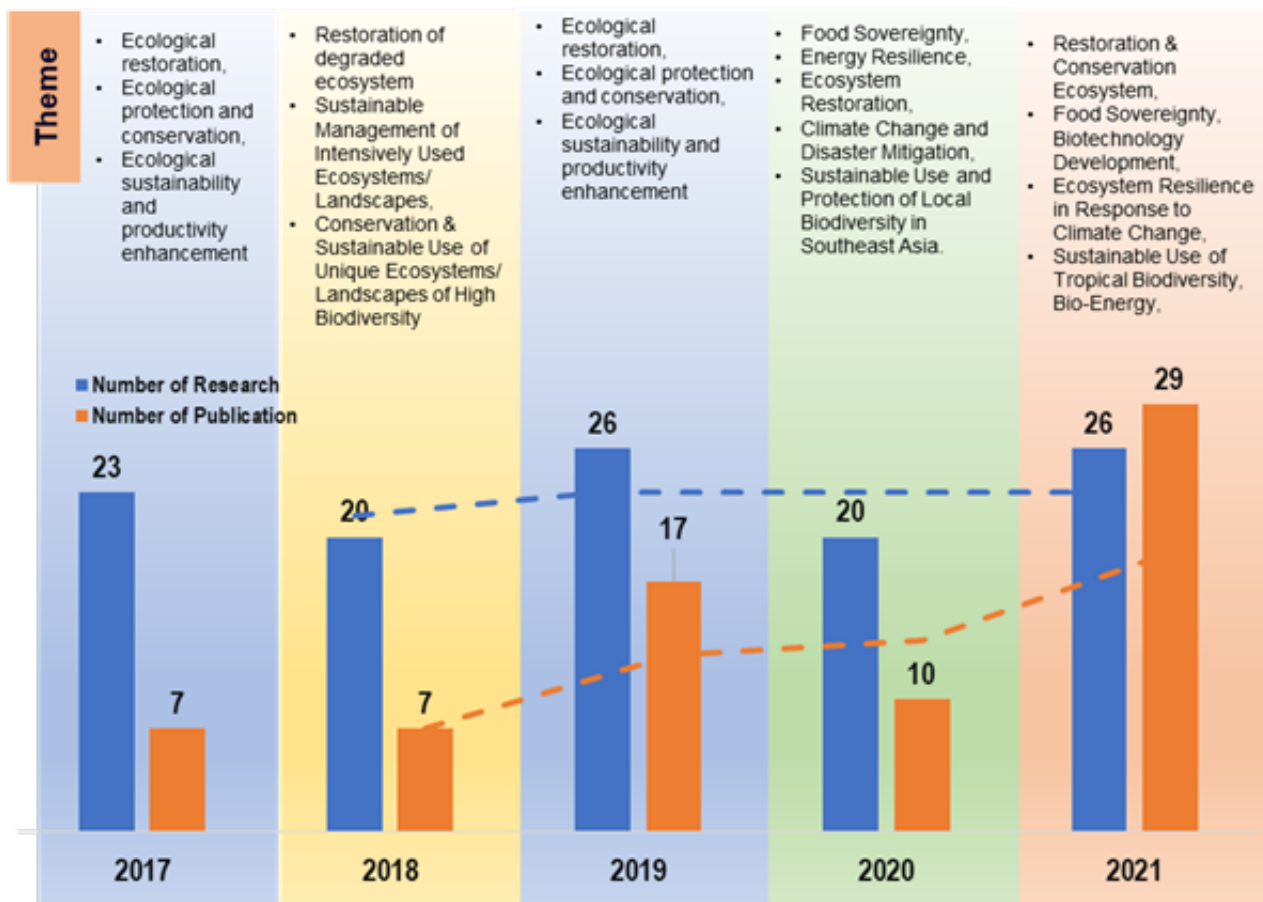


Figure 8. DIPA Research and Publication Outputs during the 10th FYDP

Forty-one publications were published based on the DIPA Research Projects and consisted of 23 journals, 13 proceedings and conferences, 1 e-book, 1 monograph, 1 copyright and 2 technical papers to be used by stakeholders in supporting policies in Indonesia. Research highlights representing the regular DIPA research projects were:

a. Naila Khuril Aini



“Haplotype Diversity and Population Subdivision of the Indian (*Tachypleus gigas*) Horseshoe Crab for Monitoring Conservation in Indonesia”. Mimi, the species with limited dispersal capability are often composed of highly genetically structured populations with small geographic ranges. One of the interesting groups of marine organisms maintaining their genetic structure, which tends to be unchanged over millions of years is the horseshoe crab. This study aimed to investigate the haplotype diversity and genetic connectivity of *Tachypleus gigas* in Indonesia. To achieve this, a total of 91 samples were collected from six main habitats of *Tachypleus gigas*, namely Bintan, Balikpapan, Demak, Madura, Subang, and Ujung Kulon. They were amplified using mitochondrial (mt) AT-rich region DNA sequences. The results showed that 34 haplotypes consisted of 6 sharing and 22 unique from all localities. Based on Tajima's D and Fu FS test, the SSD value indicates expansion whereas the mismatch distribution illustrates the stationary population. In addition, coastal horseshoe crab around Indonesia indicated population connectivity that requires local-based conservation.

b. Dr Aswandi, SHut, MSi

“Promoting Styra-Coffee Agroforestry System and Apiculture of *Trigona* sp. for White Propolis Production as Alternative Source of Livelihood for Communities in Lake Toba Catchment Area, North Sumatra”. This study was conducted to illustrate the potential of *Trigona* beekeeping to produce propolis in Styra forests. Three *Trigona* spp. colonies on each Styra forest in Aek Nauli and Pakpak Bharat by 2017 were used in this study. The resin was identified by collecting samples of propolis on each nest part and analyzing it qualitatively based on color and flavor and quantitatively using the gas-chromatography-mass-spectrometry (GCMS) method. Results showed that the forests provide feed sources in the form of nectar and resin. Propolis from incense can be found in the batumen, pillars, honey bags, and egg wrappings. This propolis contains fatty acids, essential oils, minerals, vitamins and other organic substances, pollen and resins. The active ingredients contained include polyphenols (flavonoids, phenolic acids), terpenoids, steroids, and amino acids. Each colony produces propolis 50-70 g propolis every two weeks which typical flavor of incense.



c. Prof Dr Ir Arief Sabdo Yuwono, MSc



“Development of Ecosystem Health Indexes in Indonesia (3rd Year)”. Ecosystem Health Index (EHI) is an appropriate tool to assess environmental protection and management measures based on the national Environmental Quality Index (EQI). In this paper, a novel formulation of EHI in Indonesia is proposed to improve the existing index involving merely three parameters (air quality, water quality and forest cover). These three parameters, however, are considered inadequate to represent the quality of an ecosystem. In the new formulation of the EHI, three additional parameters are added. Therefore, the complete parameters of the Ecosystem Health Index now consist of six individual indices, i.e. Air Quality Index, Water Quality Index, Forest Cover Index, Biodiversity Index, Environmental Health Index, and Public Health Index. The research was carried out by direct measurement in the field partly, while secondary data was taken from the data bank compiled by local environmental authorities in eight regencies in Java Island. The data analysis reveals that rural ecosystem health index in Sukoharjo Regency was 61.63, 61.69 in Probolinggo, 81.11 in Lumajang, 66.64 in Lamongan, 64.97 in Brebes, 53.42 in Sidoarjo, 65.38 in Bantul, and

68.80 in Kulon Progo. The study result indicated that the assessment of rural ecosystem health by using the novel formulation shows a significant improvement as compared to those EQIs obtained by the conventional method. Based on the results of this study, the Environmental Health Index Calculation Program in Indonesia has been submitted to obtain a Copyright Registration Letter from the Ministry of Law and Human Rights of the Republic of Indonesia and has received a Copyright Registration Letter which was announced on December 21, 2020.

d. Dr Idham Sakti Harahap

“Mint Oil Nano formulations: Its Effectiveness against *Tribolium castaneum* Phosphine Resistant Strains”. Essential oils have good potency to be used as alternative for controlling stored product insects, so our dependency on synthetic fumigants can be avoided since synthetic fumigants like phosphine can cause resistance to stored product insect pests. The objectives of this research were to: 1. produce nano emulsion and nano powder of mint oil; 2. produce nano formulation; 3. find out the best nano formulation; 4. collect stored-product insects from food and feed warehouses in the Province of West Sumatera, South Sumatera, and North Sulawesi, and test their resistance against phosphine in the laboratory; 5. produce a database of phosphine-resistant strains of stored-product insects in Indonesia. The results showed that Nano emulsion of mint oil can be formulated and stabilized with 10% of mint oil concentration by adding Tween and glycerol as emulsifiers in 1:1 composition. The particle size of Nano emulsion formed was 98.57 nm with the value of PolyDispersion Index (PDI) and zeta potential -16.3 and 0.510, respectively. Nano emulsion of mint oil formulated as tablets showing higher effectiveness compared to tablet formulation of n-hexane fraction of crude mint oil at the same level of concentration. Stored-product insect pests collected from food and feed warehouses in the Province of West Sumatera, South Sumatera, and North Sulawesi showed a varied levels of resistance (RF) against phosphine: *Tribolium castaneum* 0.83 – 23.30 times and *Rhyzopertha dominica* 0.83 – 52.65 times.



e. Prof Henry M. Manik, PhD

“Evaluation of Acoustic Technology for Quantifying and Mapping Tropical Seagrass Habitats in Bintan Seawater”. Seagrass is an important component in coastal habitats such as in the waters of Bintan because it acts as a protection for the beach. Seagrasses have the ability to stabilize the bottom waters of sediments and are able to produce sediments that are able to fertilize the waters. Seagrass can be a reference in the strategic management of coastal areas to improve the stability of the coastal environment. So far, seagrass monitoring methods still use divers with limited survey area coverage. For this reason, through this research, an acoustic method was used to detect seagrass and the habitats that inhabited it. From the results of the study, it can be concluded that the acoustic method can measure the sound intensity or acoustic backscatter from seagrass and the basic waters habitat that inhabits it.



Seagrass height can be measured based on the acoustic reflection value of seagrass. In the study location, there were 3 seagrass groups based on percent closure, which were small to none of the seagrass groups, rare seagrass groups, and many seagrass groups. Seagrass is mostly in fine sedimentary habitats. Identification of seagrass species using the acoustic method has an overall accuracy of 87%.

Impact

Strategy research activities at SEAMEO BIOTROP are directed to answer issues related to the strategic environment in the national region and Southeast Asia. The following are the developments of issues in Southeast Asia and Indonesia related to Tropical Biology that are of concern to SEAMEO BIOTROP, namely (1) deforestation, (2) conservation of Endangered Species, (3) water security and air pollution, (4) and food security in the agricultural sector and Fisheries, (5) Demographic and Climate Change (Climate Change).

The research that has been carried out has paved the way for the formation of networks and collaboration with partners, while the form of research dissemination is carried out through training activities and information transfer to visiting guests on SEAMEO BIOTROP. During SEAMEO BIOTROP 10th FYDP, there are 13 research centers, 16 schools, 17 universities and 2 community associations in Indonesia that have benefited from the SEAMEO BIOTROP DIPA program.

TRAINING AND OTHER LEARNING ACTIVITIES

Raising Issues

SEAMEO BIOTROP offers training courses and other learning programs to a various range of target participants such as teachers, students, academia, scientists, government officers, media practitioners, private sectors, and general public. These training courses and other learning programs were aimed to induce an agent of improved human resources in Southeast Asia on various aspects of tropical biology that can bring innovation and growth in their areas of work, thereby contributing to the total sustainable development of their respective countries. All training courses and other learning activities have been implemented either solely by the Centre's funding (Government of Indonesia) or in partnership with national, regional, and other international government or private institutions.

Before the pandemic condition, SEAMEO BIOTROP mostly implemented its training activities through face to face meetings. However, during this current pandemic condition, the Centre must immediately shift its face-to-face (offline) training and programs to online or blended learning. Blended learning as a method that creates a learning environment suitable for students in tertiary institutions. Blended learning can be seen as a combination of learning that combines web-based communication, video, audio, synchronous, and asynchronous with face-to-face learning. Research results show that in blended learning, students can learn more effectively in an integrated learning environment.

To improve its service in training and education, in March 2021, SEAMEO BIOTROP conducted training-need analysis for Sekolah Republik Indonesia Tokyo (SRIT) in Japan. Through the activity, the Centre identified: 1) required/topics of the training, 2) how long should the training last, 3) how many people should take part in each training activity, 4) where will the training be, 5) what kind of training learning model should be implemented. This training-need analysis should be replicated to identify the training courses needed by schools, community development and public in the upcoming years.

One of the objectives of SEAMEO BIOTROP's main activities is to conduct training and other learning activities which should be related to its science and research field to ensure the impact of its research activities can be measured nationally and internationally. Several subjects of the training including school garden, urban farming, aquaculture, identification of mycotoxin fungi, integrated pest management, essential oil utilization, herbarium management, tissue culture technique, disaster management, post-mining reclamation, invasive alien species management, and others.

Besides training and other learning activities, the Centre will implement more capacity-building programs for community development in the upcoming years. In line with the changing educational learning models, SEAMEO BIOTROP's upcoming trend will focus on learning that focuses on career development, nano learning, project-based curriculum, problem-based curriculum, lifelong learning, and online class.

As for now, SEAMEO BIOTROP produced one training module of School Garden in 2021. The authors of the module are SEAMEO BIOTROP's researchers and affiliate scientists. The module consists of four topics namely hydroponic, aquaculture, waste management, and mushroom cultivation. Until now, the Centre has not developed a training curriculum and implementation based on different training levels. Therefore, the levelling will be implemented in the future. Soon, The Centre will also focus on training-based competencies and trainer certification. To implement these activities, SEAMEO BIOTROP is ready with a host of capable human resources as training instructors, consisting of researchers and research assistants, affiliate scientists, practitioners, and professionals. SEAMEO BIOTROP now has twenty-seven researchers and research assistants and eighteen affiliate scientists who were contributing as resource persons on regular training activities.

All training courses and other learning activities conducted by the Centre are funded by the Gol, through partnership and SEDF. Since 2015, BIOTROP has served 20,000 alumni, who come from more than 1,100 institutions, as their direct beneficiaries of trainings and other learning activities. These beneficiaries include researchers, teachers, students, educators, practitioners, stakeholders, and other professionals from Southeast Asia and beyond (Figure 9).

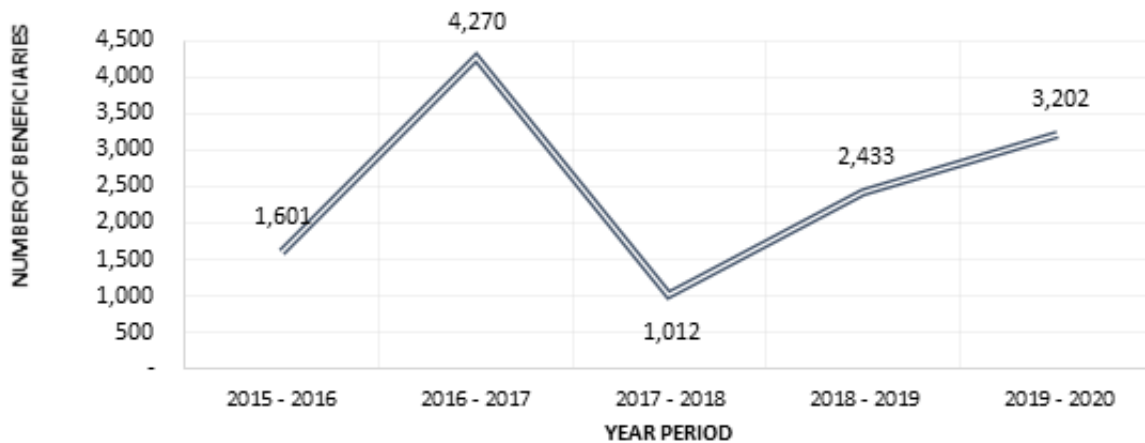


Figure 9. Total Number of Participants Trained

Solutions (Trend and Analysis)

The participants' interest tends to diversify and expand each year. Since 2015 the number of participants continues to increase particularly in agriculture, fisheries, and marine affairs as well as the environment and forestry fields (Figure 10). In addition, considering that climate change is a worldwide concern, SEAMEO BIOTROP has braced itself to conduct specifically-focused regular training courses that are funded by national and international fund and fee-based activities. The implementation of online training also needs to be improved and developed considering that there has been a change in human behavior toward digitalization.

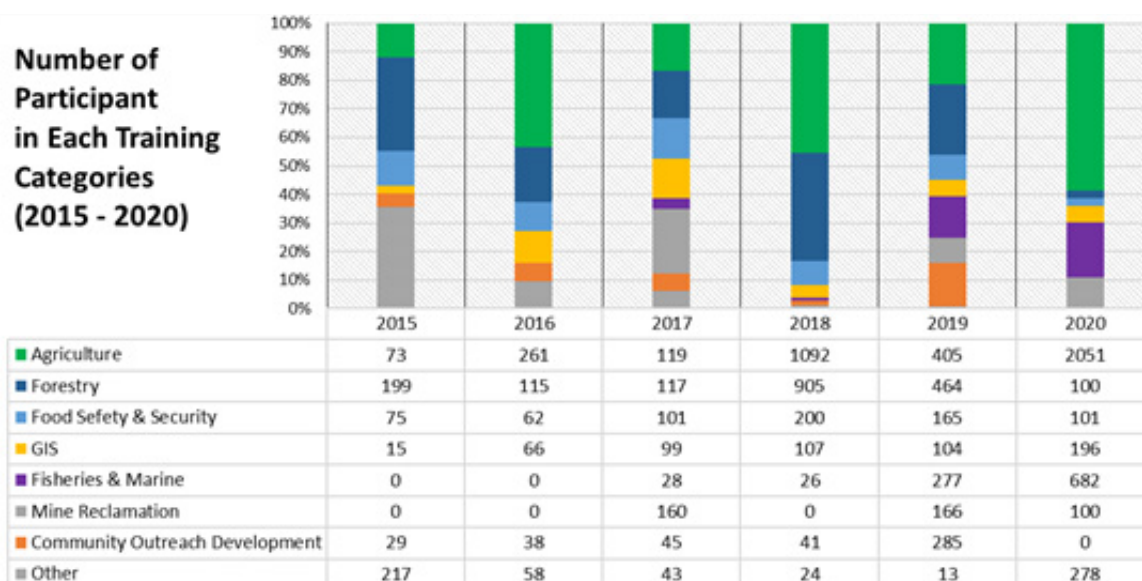


Figure 10. Number of Participants Trained per category in 2015 - 2020

In line with this, potential national or international partnerships with development and academic institutions can be initiated with the ministry, research center, university, private companies. Collaboration can start with the drafting of a Memorandum of Understanding (MoU) between relevant institutions who share the same goals and vision and its implementation can be in the form of training and other scientific learning activities.

At the international level, SEAMEO BIOTROP can initiate or continue the collaboration with international entities such as UN bodies (FAO, UNDP, UNEP), foreign ministries (MEXT Japan, RUPP Cambodia), universities (UPM, Nong Lam University, Tokyo University, Mindanao State University, etc.), embassy schools (Sekolah Indonesia Bangkok, Sekolah Indonesia Tokyo, etc), research centers (CIFOR, ICRAF, ISAAA, etc.), and other SEAMEO Centers (SEAMEO SEN, SEAMEO TED, etc.). Moreover, on a national level, there is also the potential Corporate Social Responsibility (CSR) fund from the private companies, especially on environmental restoration and community development. With its huge potential on human resources, laboratory, farm facility, knowledge, and technology, SEAMEO BIOTROP can diversify and strengthen such potential partnership and funding.

SEAMEO BIOTROP training activities are generally designed for the acquisition of basic knowledge and skills which can then be readily implemented by participants after completion of the training; such as the Training of Trainers (ToT) through offline, online, or blended learning models. Over the past five years, SEAMEO BIOTROP has carried out various ToT activities, both at national and regional levels, namely; ToT on Invasive Plant Species Control specifically for Agricultural Vocational Schools, ToT on Fumigation, ToT on Utilization of Geospatial Information Data (GIS), and ToT on Urban Agriculture in supporting food security. After ToT completion, the participants were immediately put into practice their knowledge gained through the ToT and complete all the final assignments given by the coordinator/facilitators.

Highlights and Impacts

Training Activities

For the fiscal year July 2020 – June 2021, SEAMEO BIOTROP has implemented several training courses and technical guidance activities, two on international level and ten on national level. The 954 beneficiaries represented government institutions, schools, universities, research centers, non-governmental institutions, and private sectors. Mindful of everyone's health and safety, SEAMEO BIOTROP conducted these events online since the World Health Organization (WHO) has declared Coronavirus Disease (Covid-19) outbreak as a Public Health Emergency of International Concern (PHEIC) in January 2020. The training and technical guidance were categorized as agricultural concerns, with topic titles "Regional Training Course on The New Concept of Weeds and Their Management" (RTCNCWM) on 29 - 31 March 2021 (Figure 11) and "Regional Technical Guidance on Application of Next Generation Sequencing (NGS) Data and Artificial Intelligence (AI) in Agriculture" (RTGANGSDAIA) on 7, 8, 9 and 14 June 2021. Both training activities were conducted in collaboration with the Ministry of Education, Culture, Sports, Science and Technology (MEXT).

The first international training RTCNCWM was presented by nine experts, namely Dr Soekisman Tjitrosemito, and Dr Sri S. Tjitrosoedirdjo (both from SEAMEO BIOTROP), Dr Soetikno S. Sastroutomo (ASEAN Network on Plant Taxonomy), Prof Dr Rie Miyaura (Tokyo University), Prof Dr Nanik Sriyani, MSc (University of Lampung), Prof Ir Edison Purba, PhD (University of North Sumatra), Karla L. Gage, PhD (University of Carbondale, USA), Dr Michael Day (Biosecurity Queensland, Australia), and Dr Decky Indrawan Junaidi (Indonesian Institute of Sciences). The 210 participants who joined the training came from Fiji, India, Indonesia, Malaysia, the Philippines, and Poland.



Figure 11. Regional Training Course on The New Concept of Weeds and Their Management

The training produced a working paper that highlighted the weed control approaches that rely on herbicides that have shifted from fundamental aspects of weed control to paradigm chemical control. This is marked by the research development in the discovery of new herbicide molecules, cultivated plants that are resistant to herbicides, crop rotation systems for cultivation, and herbicide application technology by ignoring the ecological aspects of weeds. From an ecological viewpoint, the weed control management provides enriched information on the discovery of new herbicide molecules and control for the emergence of resistant weeds, considering basically that knowledge about weed control must refocus on the basic foundation, that is weed biology and ecology. These would include the frameworks of integrated weed management, such as weed biology, chemistry, culture, weed ecology, and mechanical control. An integrated weed control framework is necessary for a sustainable agricultural cultivation and production.

The second international training activities was the RTGANGSDAIA which was held on 7, 8, 9 and 14 June 2021. This event focused on knowledge sharing on recently developed genomic and transcriptomic approaches for conservation and sustainable utilization of tropical biodiversity, and on the application of NGS data and AI in agriculture. This was designed for university lecturers, researchers, graduate students, and company staff in the molecular biology field. The 95 participants who joined came from Fiji, India, Indonesia, Malaysia, the Philippines, Sri Lanka, and Timor Leste.

To achieve its training objectives, this course featured Dr. Kazuo Ishii, a professor of genome science and an expert in artificial intelligence from the Department of Applied Information Engineering of the Suwa University of Science, Japan. Several lecturers from Institut Pertanian Bogor (IPB) were the co-resource persons and moderators in this event, i.e., Dr

Ulfah J. Siregar, Dr Fitri Indriani, Fifi Gus Dwiyantri, PhD, and Dr Rahadian Pratama. This event that highlighted the presence of NGS (Next Generation Sequencing) was also aimed to provide convenience in obtaining complete and large data of DNA Barcoding. Furthermore, NGS has many benefits in the medical field as it involves researches on diseases like diabetes or cancer. The sophistication of AI (Artificial Intelligence) has become indispensable in processing large data that help provide solutions to complex problems. In support of precision agriculture, AI is developed to help farmers by providing them with proper guidance about nutrition and water management, optimum planting, timely harvesting, specific crops to be grown based on the environmental condition, crop rotation, pest, and diseases control and management.



Figure 12. Regional Technical Guidance on the Application of Next Generation Sequencing (NGS) Data and Artificial Intelligence (AI) in Agriculture

The ten national training activities conducted by SEAMEO BIOTROP from July 2020 to June 2021, were as follows: Geodatabase Management Application System for Monitoring and Diagnostics of HPT Plants SMARTS-BE Program; Remote Sensing Processing Training using Google Earth Engine; Online Training on Application of Urban Agriculture in Supporting Family Food Security – Batch 2; Training of Trainer: Tabulampot Development to Support Eco Agro Edu tourism; Technical Training on Prevention and Control of Aflatoxins in Food; Implementation of Risk Management in Facing the Digital Era and New Normal; Technical Guidance for Clam Cultivation Skills for the Internship of Students to Japan; Technical Guidance on Increasing the Capacity and Competence of Mushroom Cultivation on Micro Businesses; Technical Guidance on Podcast' and National Technical Guidance on Molecular Biology for High School Teachers in Indonesia. Several training course activities were also conducted with Indonesian partner institutions such as Dinas Koperasi and UKM of Padang Province, Padjajaran University, and PT Kibo Trading.

The Technical Guidance on Molecular Biology was conducted on 7 - 11 June 2021 for High School Teachers in Indonesia. The 139 participants from various educational institutions in Indonesia took part in this technical training. This event was generally aimed to introduce molecular biology to the vocational and senior high school teachers as well as university students to educate and develop their competencies in molecular biology.

- **Infographics**

Training modules were categorized into eight fields, i.e., Agriculture, Food Safety and Security, Fisheries and Marine, Environment and Forestry, GIS, Biotechnology, Education, and Human Resource Capacity Development. During the international and national training activities, the most commonly raised topic was agriculture (five training activities), followed by food and safety (one training), fisheries and marine (one training), and GIS (one training).

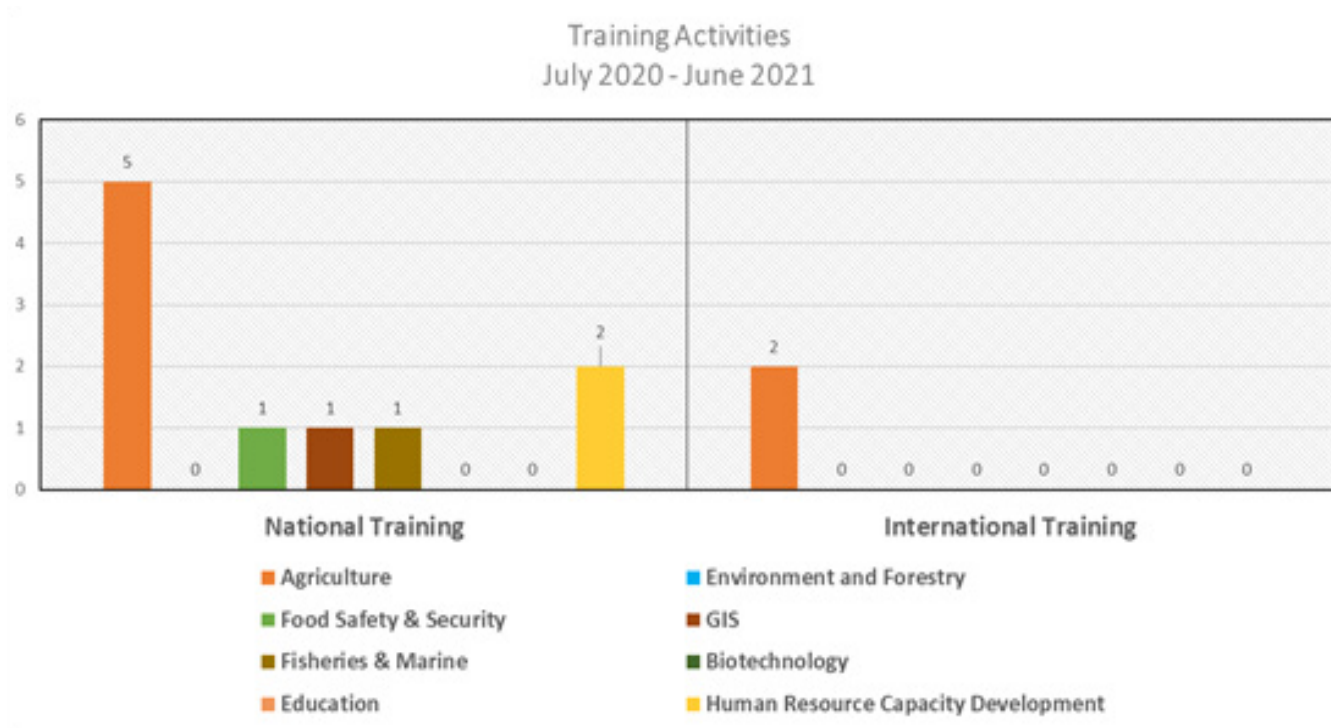


Figure 13. Training Activities by Category

- **Output**

The two international trainings were actively participated by 305 participants from a group of university lecturers, researchers, technical staff of pesticide companies, graduate students, company staff, and environmental official of relevant government and non-government agencies from SEAMEO member countries and other regions, who are involved in molecular biology. Participants came from Indonesia (69%), Fiji (2%), India (5%), Malaysia (2%), the Philippines (21%), Japan (1%) and Sri Lanka (1%) (Figure 14).

Meanwhile, the national trainings were attended by 649 participants from 34 provinces of Indonesia. Participants ranged from university lecturers, school teacher, graduate students, government institution, NGO, research center to private sectors who actively joined the trainings.

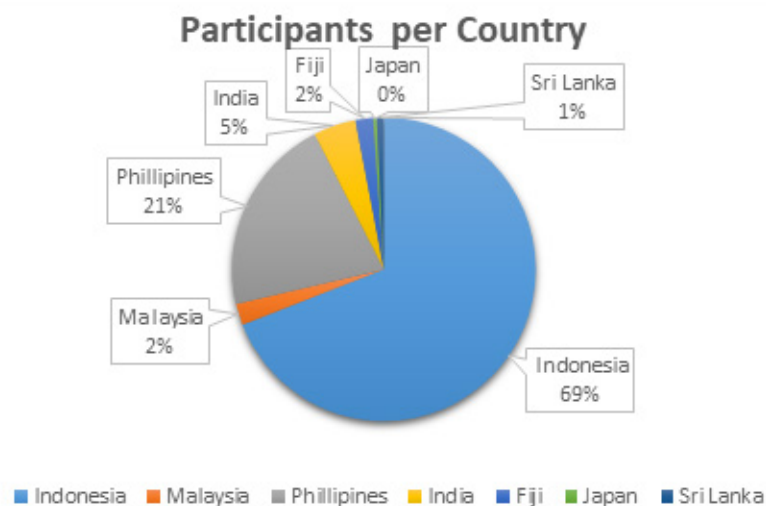


Figure 14. Participant by Country of Origins

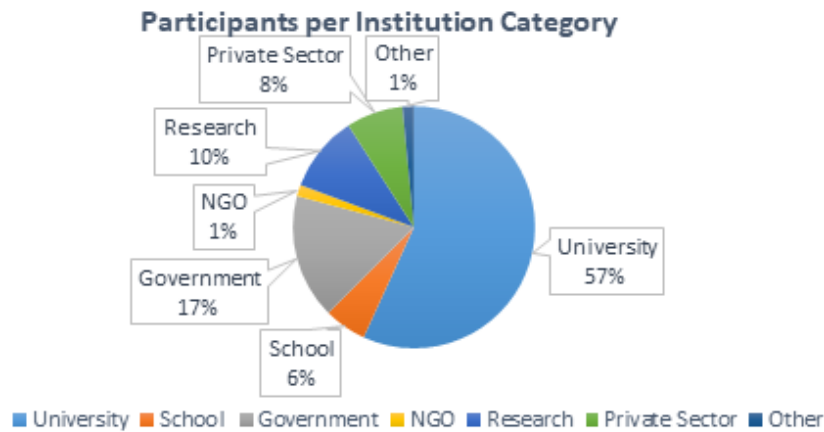


Figure 15. Participants by Institution Category

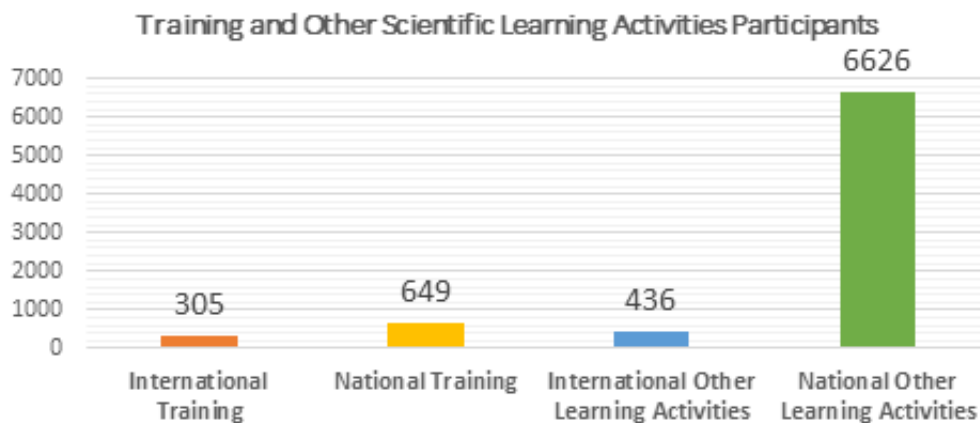


Figure 16. Number of Training Courses and Other Learning Activities Participants (July 2020 – June 2021)

Other scientific learning activities July 2020 – June 2021

At the international level, the other scientific learning activities from July 2020 to June 2021 consisted of two conferences, one webinar and one workshop. At the national level, SEAMEO BIOTROP has also conducted twenty-eight webinars, two talk shows, three workshops and focused group discussions. A total of 7,062 individuals from university, schools, research center, government institutions, NGOs and private sectors, benefited from these activities. Due to the Covid-19 pandemic, most of the events were only done online. However, the positive effect was that it enabled participants from various regions in Indonesia and abroad to join the events online, thereby expanding the number of participants or beneficiaries.

Since January 2021, SEAMEO BIOTROP has officially launched two new programs called BIOTROP to School (BtS) and Talk of Affiliate Scientist (TAS) webinar series. The BtS program aimed to disseminate knowledge and build capacities of students in high schools and universities through a series of webinar. Meanwhile, the TAS program aimed to communicate research results as well as to exchange information and field experiences to various stakeholders. The TAS resource persons were researchers who conducted researches in broad fields of tropical biology. From January to June 2021, SEAMEO BIOTROP has conducted 8 (eight) BtS and 3 (three) TAS webinar series.

SEAMEO BIOTROP also hosted an interactive talk show on 28 January 2021 with the theme “The Role of Business and Industrial World in Strengthening Vocational Schools”. This event aimed to identify the needs and improve capacities of vocational schools with qualified human resources for the business and industrial world. The 342 online and 25 offline active participants were mostly schools’ teachers, and staff from private companies and universities. This talk show featured four speaker from various background, namely Dr Ahmad Saufi, SSi, MSi (Director of Partnership and Alignment of Business and Industrial World, Directorate General of Vocational Education, the Ministry of Education and Culture of the Republic of Indonesia), Dr Arief Daryanto (Dean of Vocational School, Institut Pertanian Bogor (IPB)), Mr Welly Soegiono (Corporate Affairs Director, PT Great Giant Pineapple), and Mr Rachmat Hidayat (Head of Public Policy and Inter-Institutional Relations of GAPMMI - Association of Indonesian Food and Beverage Entrepreneurs).

- **Infographics**

The other scientific learning activities included workshops, focused group discussions, webinars, and talk shows, were categorized into eight fields (Figure 17): Agriculture, Food Safety and Security, Fisheries and Marine, Environment and Forestry, GIS, Biotechnology, Education, and Human Resource Capacity Development. The topics consisted of agriculture (one event), environment and forestry (two events), fisheries and marine (one event). At the national level for other scientific learning activities, the most raised topic was biotechnology (nine events), followed by education (eight events), agriculture (six events), human resource capacity development (six events), environment and forestry (three events), and GIS (one event).

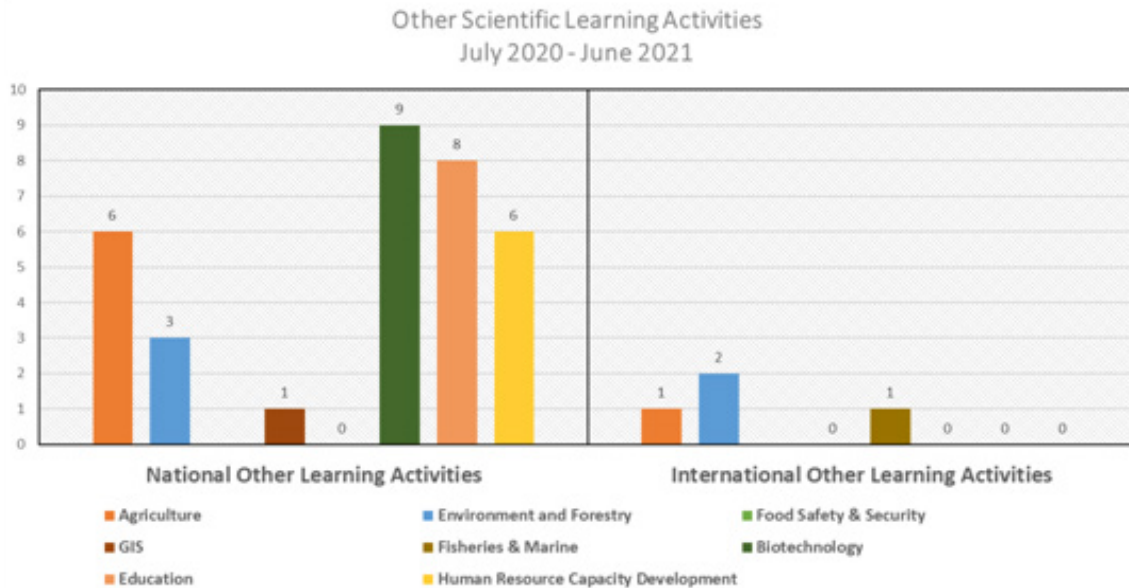


Figure 17. Number of Scientific Learning Activities at the National and International Levels

- **Output**

At the international level, other scientific learning events were actively participated by 436 participants from universities, secondary schools, research centers, private sectors, government, and non-government agencies from the SEAMEO member countries and other regions. Participants came from Indonesia, Malaysia, the Philippines, and the Czech Republic.

At the national level, the trainings were attended by 6,626 individuals from 34 provinces of Indonesia (Figure 18). Active participants ranged from among university lecturers, school teachers, graduate students, to staff of government institutions, NGOs, research centers and private sectors. As mentioned above, the expanded number of participants was due to the online platform which enabled participants to access the events remotely from their own places.

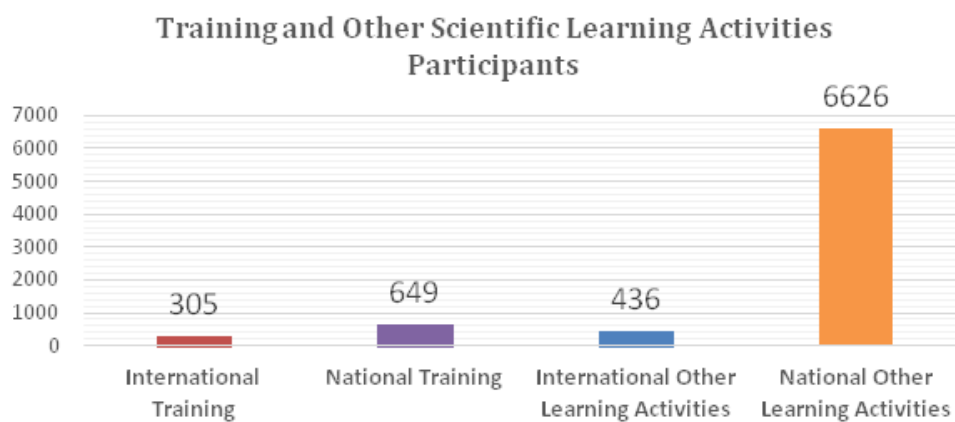


Figure 18. Number of Participants of Training and Other Learning Activities

Impact and Recommendation

After completing the training courses, the participants' awareness level for many issues in Biodiversity has improved. Their knowledge and skills were also improved, as evidenced by those who had started their small scale businesses. Some trainees had also established nurseries, created employment and other income-generating activities, such as those vocational schools that participated in the SMARTS-BE and Ketahanan Pangan Training Project. The training process has to be further enhanced through the demonstration and on-farm trials of cash crops production and continuous technical support through SEAMEO BIOTROP.

In the future, SEAMEO BIOTROP should continue to improve its role in providing capacity-building activities to the beneficiaries. Some of the improvements should be implemented by the Centre among others: 1) Providing training subjects reflecting its research activities in the roadmap; 2) Producing training material, which includes curriculum, syllabus, training module every year; 3) Leveling the training activities; 4) Conducting impact measure for its training activities; 5) Enhancing the Centre's training instructor capacity by certification; 6) Enhancing the Centre's capacity to provide training-based competencies, and 7) Strengthening collaboration with international institution to conduct training and other learning activities.

PARTNERSHIP AND LINKAGES



The fiscal Year 2020/2021 is the 4th year of implementation of SEAMEO BIOTROP 10th FYDP starting from 2016/2017. One of the goals of the 10th FYDP is to facilitate effective development interventions and partnerships for sustainable use and equitable sharing of benefits of the region's tropical biological resources and this goal is achieved through collaborations initiated by either SEAMEO BIOTROP or national and international partners/partners.

The Ministry of Education, Culture, Technology, and Research of the Republic of Indonesia gave a mandate to SEAMEO BIOTROP namely Education, Research, Community Development, and Information Dissemination in the field of Tropical Biology. In managing collaborative activities, SEAMEO BIOTROP identifies partner issues and types of cooperation, considering the impact that will be obtained.

- a. There are several issues that need to be resolved such as the need for regional collaboration in addressing tropical biology issues through standardized and measurable collaboration on tropical biology areas.
- b. To resolve these problems and issues, SEAMEO BIOTROP performs several maneuvers or activities. SEAMEO BIOTROP has conducted research collaborations in the field of tropical biology with the mechanism of sharing resources (cost, facility, knowledge, and experts). During the fiscal year on the review, the Centre signed 83 MoU's and MoA's.
- c. Since the strengthening of the visibility of SEAMEO BIOTROP through the cooperation program has increased, the impacts obtained include the following:
 - SEAMEO BIOTROP contributes to the development of the seaweed industry
 - SEAMEO BIOTROP is involved in the revitalization of vocational schools and the development of education in Indonesia
 - SEAMEO BIOTROP contributes to biodiversity conservation activities
 - SEAMEO BIOTROP contributes to the dissemination of information and the provision of experts in the field of tropical biology

Details of the MoUs established by the Centre are as follows:

• On going MoU With Universities

During the fiscal year in review, the Centre has signed 7 MoUs with universities in particular on Developing Collaborations in Education and Research and Community Development. Universities that cooperate with SEAMEO BIOTROP include Pennsylvania State University, Padjadjaran University, Makassar State University, Bina Nusantara University, Indonesian Polytechnic-Venezuela, Institut Pertanian Bogor (IPB), As-syafiyah Islamic University. As one of the activities that support the development of education in Indonesia, SEAMEO



BIOTROP in collaboration with the Indonesia-Venezuela Polytechnic held a public lecture on tissue culture on January 15, 2021, and online learning models that can be applied in the teaching and learning process, especially during the Covid-19 pandemic. 19 which was held on 20 February 2021. Not only supporting the development of higher education, but SEAMEO BIOTROP also supports the development of early education through collaboration with Bina Nusantara University in making learning videos based on the 2013 curriculum for elementary school students.

- **On going MoU With Private Company**

During the fiscal year in review, the Centre has signed 10 MoUs with a private company in particular on provision expert, laboratory services, training, research, etc. As support and contribution from SEAMEO BIOTROP in disseminating information and providing experts in the field of tropical biology, the centre, and Fajar Surya Swadaya agreed to cooperate for the Maintenance and Research of Tissue Culture of 10 *Eucalyptus* hybrid clones. In addition, one of the supports from the Centre in developing human resources in the field of tropical biology is through an Integrated Pest Management Assessment with PT Garudafood in April 2021. cooperation agreement between SEAMEO BIOTROP and PT Agra Intan Makmur Sejahtera regarding the Development of Tissue Culture Technology and Potato Seed Breeding.

- **On going MoU with institution**

During the fiscal year on the review the centre has signed 6 MoUs with institution in particular on provision of health facilities, education and research. On 22 April 2021 the Centre has signed the MoU with the Embassy of the Republic of Indonesia in Tokyo, Japan about teaching and training for SILN in Tropical Biology. This collaboration is one of the educational developments.

- **On going MoU with School**

During the fiscal year in review, the Centre has signed 57 MoUs with school in particular on Improving the Quality of Vocational Education. The Centre initiated collaboration with 27 vocational schools throughout Indonesia in implementing the SMARTS-BE (Independent School for Educational Fruit Vegetable Production) program. This program is a collaboration supported by the Ministry of Education, Culture, Research and Technology of the Republic of Indonesia and facilitated by the SEAMEO Secretariat. This renewal of cooperation is valid for 3 years from the date of signing by both parties. Since 2018, there have been 33 Vocational Schools in Indonesia that have joined and benefited directly, including SMKN 1 Cibadak which currently has millions of rupiah in profit from producing citrus-derived products. With this program, many parties gain the benefits.

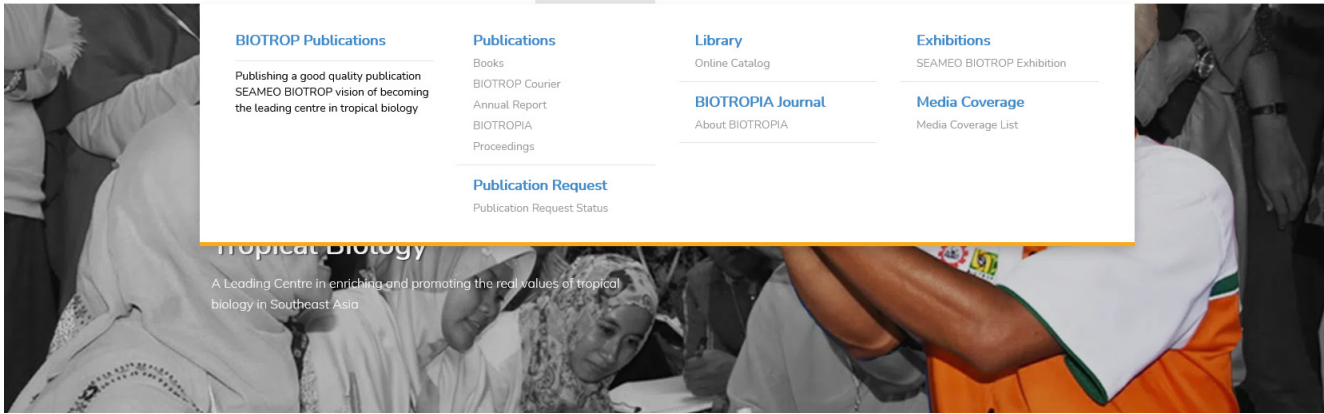
As an appreciation for the cooperation, SEAMEO BIOTROP also supports and involves 9 selected vocational schools to be able to compete in the SEAMEO - Japan ESD Award held by the SEAMEO Secretariat. As a partner, SEAMEO BIOTROP accompanies and provides inputs on the materials for the competition.

- **On going MoU with NGO/other**

During the fiscal year in review, the Centre has signed 6 MoUs with other NGOs in particular on Conservation and use of biodiversity and project in the Tropical Biology area. One of them is a collaboration with Yayasan Konservasi Alam Nusantara/TNC about the Indo YTNC Water Fund Model Development Project in August 2020.

During the 2020/2021 Fiscal Year, there were 83 agreements signed, of which 3 were agreements with regional/international agencies and 80 were with national agencies. For the distribution of types of cooperation, 5 agreements are about research, 3 are regarding the provision of experts, 4 are laboratory services, 2 are trainings, 5 are about other collaborations and the most is about improving the quality of human resources as many as 64 agreements.

During the last 4 years, the Centre inked 235 MoU's with school, univesity, institutions, private company and other. Fifteen of them are regional and international collaborations. Thirty percents of them have been implemented through various activities such as training, public lectures, joint research, etc. In line with the program launched by the Ministry of Education, Culture, Research, and Technology of the Republic of Indonesia, namely the Merdeka Belajar where students are given the opportunity to conduct direct learning in places/companies that are in line with their majors, SEAMEO BIOTROP collaborated with PT KIBO in 2019 in order to help students in improving their quality and expertise in agriculture, animal husbandry, fisheries, and marine affairs and other fields related to tropical biology. From April 2019 - August 2021, the program successfully sent 1 group of students to Japan for internship. The universities in Indonesia that have collaborated and stated in the Memoranda of Agreement with SEAMEO BIOTROP to participate in this program include Universitas Padjadjaran, Universitas Djuanda and Universitas Satya Negara Indonesia. Prior to the Internship Program, SEAMEO BIOTROP conducted various briefings for selected students ranging from learning Japanese, materials in Agriculture, Fisheries, etc. This program encourages students to become excellent graduates and to enter the working world with more skills.



PUBLICATION

In the last 53 years, SEAMEO BIOTROP contributes significantly to share knowledge and information on tropical biology across the Southeast Asia region. In recognizing the target beneficiaries, the Centre formulates a diverse dissemination media in the form of digital and printed versions to enhance the public understanding on the publication materials. These requirements encourage the development of the effective knowledge management and sharing mechanisms with regards to the Centre's mandates. This development is formulated in accordance with the raising issues from national to global, capability of the Centre in addressing the issues, highlighted impacts of the solutions. The summary is below, and the details are attached in Appendix 5.

Raising Issues (National to Global)

The concerned issues on publication are as follow:

1. Number of research publication on tropical biology;
2. Provision of scientific and applied research knowledge and technical guidance on tropical biology;
3. Dissemination of knowledge and information on biodiversity issues;
4. Requirement of open sources of scientific knowledge and information on in the broad areas of tropical ecosystems and environmental impacts, biodiversity conservation and sustainable development and biotechnology;
5. Mass media roles in disseminating trending information.

Solutions (Trend and Analysis)

To address the abovementioned issues, the Centre carries out the following activities:

1. Continues international scientific publication through BIOTROPIA Journal (Vol 1/1987 – Vol 28/2021), issued every four months;
2. Publishes at least 3 monographs and technical guidance on the Centre's research activities and expertise;
3. Publishes proceedings on tropical biology and related fields;
4. Disseminates information on the Centre's activities and excellence products through BIOTROP Courier newsletter, brochures, official website, mass media, and social media;
5. Provides educational videos, infographics, and BIOSync podcast series on the Centre's expertise and prominent programs;

Highlights and Impacts

The highlights and impacts of the solution are:

1. The SCOPUS citation and SJR index of BIOTROPIA Journal up to 2020 are 98 and Q4, respectively;
2. Books, technical guidance, and proceedings published by the Centre, reached over 8,000 beneficiaries in Indonesia for the last 4 years;
3. More than 3,000 individuals recognized the Centre's activities through BIOTROP Courier and brochures per year;
4. A total of 26,963 visitors from 131 different countries visited SEAMEO BIOTROP official website;
5. The Centre's facebook (@biotrop) reached 3.6K page likes, 8.4K followers on instagram (@seameobiotrop), and 5.04K Youtube channel (@seameobiotropchannel) subscribers.

- **BIOTROPIA Journal**

BIOTROPIA, The Southeast Asian Journal of Tropical Biology, is a scientific publication of the Southeast Asian Ministers of Education Organization (SEAMEO) Southeast Asian Regional Center for Tropical Biology (BIOTROP). It publishes articles in the broad areas of tropical ecosystems and environmental impacts, biodiversity conservation and sustainable development and biotechnology. Since 2012, BIOTROPIA has been indexed by SciVerse SCOPUS (Elsevier), CrossRef, DOAJ and Google Scholar. Articles published in the journal are papers reporting results of original research, reviews on specific topics not available elsewhere in up-to-date form, and short communication in which advances in knowledge of significance are briefly announced.

Fiscal Year 2020/2021 marked the fourth year of the Centre's 10th Five-Year Development Plan (FYDP) FY 2017-2022. Up to the fiscal year under review, the Centre has published 15 issues of BIOTROPIA Journal in printed and online versions. At present, BIOTROPIA has been indexed by SCOPUS with Q4 level in accordance with Scimago Journal Rank. Since 2016, BIOTROPIA Journal is ranked as SINTA 1 (the highest level) in accordance with the Indonesian Journal Rank by the Ministry of Research and Technology of the Republic of Indonesia.

From 2017 to 2021, a total of 25 articles by foreign authors and 87 articles by Indonesian authors were published in BIOTROPIA Journal. Since 2020, the Centre has published 3 issues of BIOTROPIA journal per year. To increase regional visibility, six experts from Brunei Darussalam, Malaysia, Myanmar, the Philippines, and Singapore, were invited to serve as the journal Editorial Board members. As recommended by the top Google Scholars, currently the journal using OJS version 3.0 to ensure the maximum benefits of additional features such as the mobile support and security of online journals. The details of articles submission and other related information are available on <https://journal.biotrop.org/index.php/biotropia/about>.

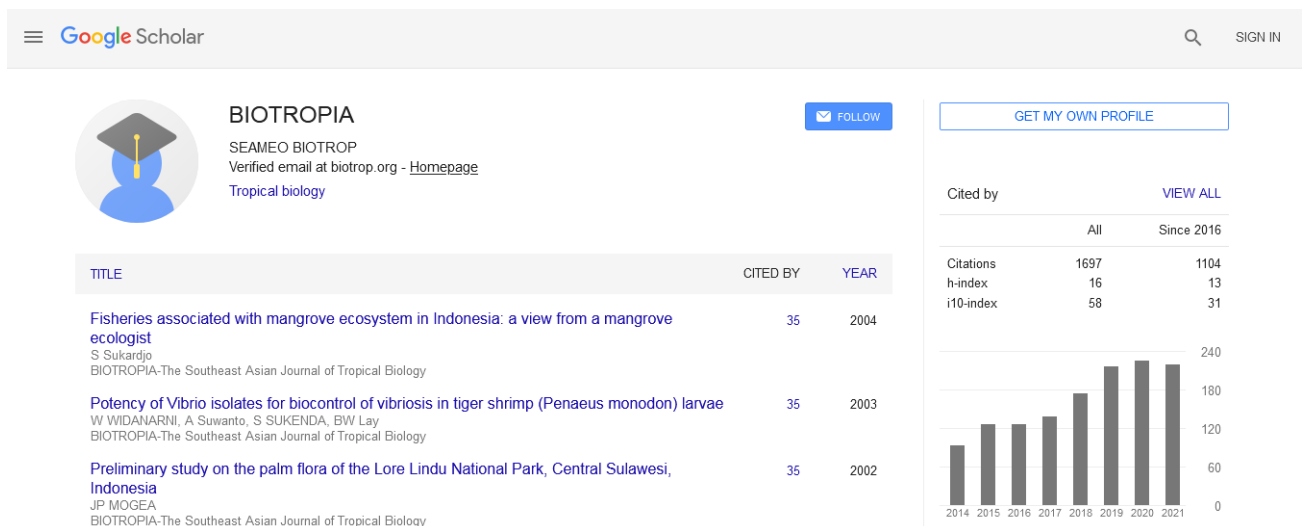


Figure 19. Number of BIOTROPIA citations in the past 8 years



Figure 20. Interface of BIOTROPIA website using OJS Version 3

- **Special Publication**

In line with the Centre's mission to provide scientific knowledge and build capacities of institutions and communities, the Centre published books and technical guidance on the Centre's expertise as well as proceedings that are categorized as the Centre's Special Publication. These publications are released in printed and digital versions, at least two times per year. Since the editorial cost and publishing supported by the Government of Indonesia (GoI) fund, the published books, technical guidance and proceedings were disseminated to the beneficiaries for free. A total of 14 books and 6 proceedings were published since 2016, including a Book of A Practical Guide to Mushroom Pharming by Renato G. Reyes, Sofronio P. Kalaw, Dana G. Vera Cruz, Kanya Tokunaga, Ryo Sumi, Nobuo Mori, Fumio Eguchi, published in 2018. In 2020 the Centre developed an online system to accommodate the publication request of the beneficiaries that can be accessed through the link <https://www.biotrop.org/publication/books>.

The Centre published at least 200 copies of book per title and disseminated the books to the partner libraries in Indonesia and individuals by request. The Centre retained 10% of the total copies for BIOTROP Library collection. Thus, at present the library has over 13,000 titles as the library asset. Starting from 2021, the Centre prioritized to publish technical guidance for trainings purposes or books that are related to the current research carried out by the Centre's internal researchers.

- **BIOTROP Courier and Other Promotional Materials**

The Centre publishes BIOTROP Courier Newsletter in printed and digital versions, quarterly. The newsletter contains articles on activities or events conducted by the Centre, popular scientific articles written by the Center's scientists, and other useful information related to tropical biology and on tropical biodiversity.

To enhance institution recognition, the Centre also produced printed and digital brochures and other promotional material, i.e., calendar and merchandises containing the Centre excellence programs and activities, and brief profile. Due to pandemic of Covid-19 Pandemic, the Centre only distributes printed materials to beneficiaries and stakeholders in Indonesia.

- **Website and Social Media**

The needs of digital literacy arise as the pandemic hits globally. As the conventional methods of learning such as attending classes, offline discussions, and other get together activities are discouraged, the Center comes up with several alternatives. Digital media are one of the solutions to facilitate the needs for new sources of information, learning media, and communication methods.

During the pandemics, SEAMEO BIOTROP optimizes and accelerates its digitalization methods of information dissemination programs, such as the Centre's website and social media networks. Several new information systems are developed by the Centre as the Centre's digitized literature database and to accommodate the needs for publication dissemination.

SEAMEO BIOTROP's Website (<https://biotrop.org>) is an important outlet for articles and announcements on the Centre's research, capacity building activities, services, and other development initiatives. This year, SEAMEO BIOTROP website was visited by 26,963 visitors from 131 different countries. This number increased by 31.36% compared to last year's visitors, i.e., 20,544 visitors in 2019/2020, 21,699 visitors in 2018/2019, 21,114 visitors in 2017/2018, and 18,583 visitors in 2016/2017.

The Centre acknowledges the role of its social media for informing, educating, raising awareness of science-related topics (science communication), to connect with its beneficiaries, as well as to encourage interactions and promote the Centre's branding.

In this fiscal year, the Centre's facebook (@biotrop) has 3.6K page likes, instagram (@seameobiotrop) with 8.4K followers, and Youtube channel (@seameobiotropchannel) with 5.04K subscribers. The Centre also expands its social media networks to LinkedIn (<http://linkedin.com/company/seameobiotrop>) and Research Gate to accommodate the digital scientific visibility of the Centre's scientists.

To disseminate its publication materials, the Centre has integrated a digital publication request system to its main website. Through this system, the interested parties on the Centre's publication can request the softcopy or hardcopy version, when available. Since its operation in June 2020, the system has facilitated 482 printed publication requests from across Indonesia, and 1,446 softcopy materials downloads from 16 countries worldwide.

The Centre's e-repository systems are developed with the aim to organize the collection of literatures of the Centre's library for its future digital assets, as well as the digitalization of the current literature assets.

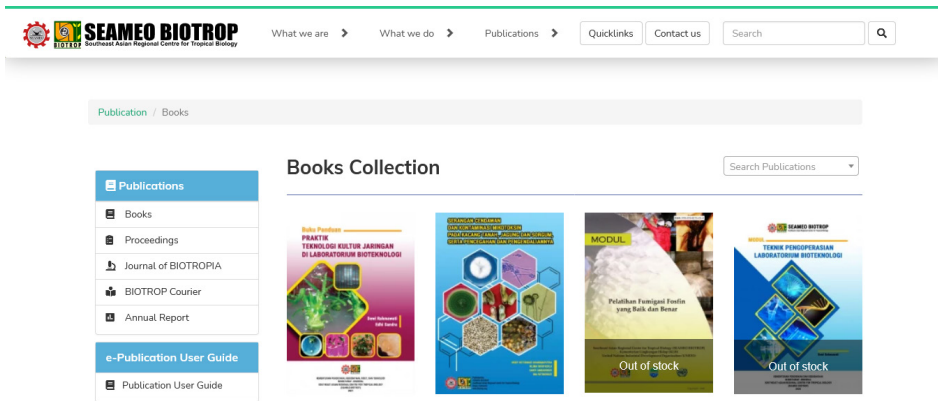


Figure 21. Publication Request Information System

- **Educational Videos**

To support the implementation of online training and other virtual learning process, educational videos were produced. For the fiscal year under review the Centre produced three educational videos on: 1). Steps on Hydroponics Cultivation, 2). Getting to Know Stingless Bee, and 3). Freshwater Lobster. The Centre also created a virtual tour video, as well as virtual exhibition application to accommodate visit programme to SEAMEO BIOTROP.



- **BIOSync Podcast Series**

Online promotional medias develop rapidly. One of which is podcast. In 2021, the Centre targeted to produce at least 6 episodes of BIOSync, the SEAMEO BIOTROP Podcast series. The main theme of all series is Biodiversity. The development of the main theme was made to meet the trend of issues and reach the targeted audience. BIOSync was produced in Bahasa Indonesia with English subtitle and accessible through BIOTROP Youtube channel. For the fiscal year under review, the Centre has produced 3 episodes of BIOSync.



- **Infographics**

In the last two years, the Centre provided at least 15 infographics as media to communicate scientific information, research results, and best practices implemented by the Centre. The infographics were published in printed and digital versions and disseminated through printed banners and posted through Instagram, Facebook, and Website.

- **Media Engagement**

Promotion and public relation play an important role to introduce the Centre establishes an engagement with local and national mass media. Within the period in review, nine press releases on SEAMEO BIOTROP's highlighted national and regional activities were delivered to mass media to elevate the Centre's visibility.



INTERNSHIPS AND ON-THE-JOB TRAININGS AT SEAMEO BIOTROP

In supporting the SDG no. 4 on quality education, the Centre provides an opportunity for students to enhance their knowledge and skills by conducting research and joint internship and on-the-job training program at SEAMEO BIOTROP.

During FY 2020/2021, the Centre also facilitated 10 students consisted of 4 undergraduate students, 5 master students and 1 Doctoral student from the various faculties of Institut Pertanian Bogor (IPB), including from the Faculty of Agriculture, Faculty of Forestry and Environment, Faculty of Economics and Management, Faculty of Fisheries and Marine Science of Institut Pertanian Bogor (IPB), and Faculty of Information Technology of Budi Luhur University to conduct their research at the Centre's laboratories.

During the fiscal year in review, the number of internship participants decreased by 33% compared to FY 2019/2020 due to the Covid-19 pandemic which limits the number of in-office activities.

From the period of July 2020 to June 2021, the Centre accommodated a total of 84 students from 14 learning institutions to conduct internships as well as on-the-job trainings in various field: biotechnology; aquaculture; silviculture; essential oil; entomology; GIS and Remote Sensing; pest and disease management; waste management; analyses of water, food and feed, and soil and plant; hydroponics; mushroom cultivation; phytopathology; biosystem and landscape management; invasive alien species and weed management; and office administration; and finance management. They came from 11 cities in Indonesia.

The existence of this Covid-19 outbreak requires the center to take different strategies for admissions and apprenticeships. Apprentices only come from Bogor and its surroundings and in limited numbers and are required to follow health protocols.

This policy resulted in a decrease during this period. List of students who conducted researches, internships and On-the-job trainings at SEAMEO BIOTROP during FY 2020/2021 are listed in Appendix 4.

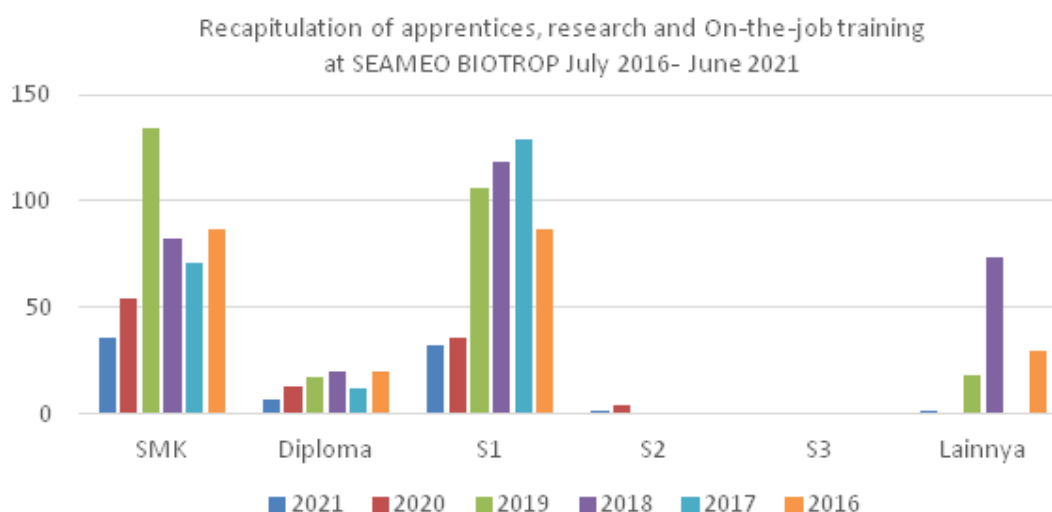


Figure 22. Recapitulation of Apprentices, Research, and On-the-job Training



Raising issues (National to Global)

1. Pandemic
Since the Covid-19 pandemic in early 2020 until now, it has caused a decrease in the number of students/students/teachers/others doing internships and research at SEAMEO BIOTROP, in addition to the new regulations from the government related to this situation.
2. Internship Capacity Restriction
Due to the Covid-19 pandemic, laboratories and departments that host internships and research have reduced the capacity of apprentices, this is in line with government policies in preventing and spreading the Covid-19 virus.
3. Lack of Facilities
There are several problems with the availability and condition of facilities in several laboratories that are needed by interns so that the internship practice is a bit constrained, such as equipment that is damaged, not functioning or incomplete.
4. Mentors Availability
Not all apprentices can be accepted even though the laboratory capacity is sufficient, this is due to the lack of staff/supervisors.

Solutions (Trend and Analysis)

To anticipate conditions that become obstacles in the implementation of the internship and research program, SEAMEO BIOTROP has taken several steps, such as preparing internship and research guidelines for students and students, preparing a budget for the procurement and repair of facilities and equipment in several laboratories so that the implementation of internships becomes better.

Highlights and Impacts

With all the available facilities and the number of apprentices who have increased significantly, it shows that SEAMEO BIOTROP has become the preferred place for schools, universities and other educational institutions to conduct internship programs, making SEAMEO BIOTROP's role to be increased for the world of education, research and in society.



VISITATION

In Fiscal Year 2016/2017 SEAMEO BIOTROP accommodated 3,679 visitors from 65 visits. SEAMEO BIOTROP was visited by 5,281 visitors from various institutions, provinces and countries. Seventy-six percent visitors were students from various elementary schools, junior high schools, high schools and Vocational High Schools. The visits were to enhance the students' knowledge on the implementation of biological science in the real world, which will lead to developing students' interest and enriching students' knowledge. SEAMEO BIOTROP was visited by 5,281 visitors from various institutions, provinces and countries. Seventy-six percent visitors were students from various elementary schools, junior high schools, high schools and vocational high schools. The visits were to enhance the students' knowledge on the implementation of biological science in the real world, which will lead to developing students' interest and enriching students' knowledge.

During the fiscal year 2017-2021, SEAMEO BIOTROP accommodated 308 visits consisting of 16,223 people from various schools, universities, government agencies, private companies as well as regional/international institutions. Through these visits, the Centre established working relationships with most of these organization especially from the Minister, Ambassador in Southeast Asia.

In the Fiscal Year 2020-2021 the number of visitors decreased due to the Covid-19 pandemic. As the follow up action of the letter from the Minister of Education and Culture of the Republic

of Indonesia (MoEC) No. 35492/A.A5/HK/2020 on the prevention of the spread of Covid-19 in MoEC, the Centre had to call off all activities which included inviting participants from overseas including trainings and visitors receptions. The Centre also limited the visitors to a maximum of 10 people per visit. All activities shall follow the protocol of prevention of the spread of Covid-19, all visitors have followed the health protocols, provide the result of antigen test to prevent the spread of Covid-19 and fill in risk assessment from prior visiting date.

To maintain the visibility of SEAMEO BIOTROP in the midst of the Covid-19 pandemic situation. The Centre has the initiative to offer virtual visits through educational videos that can be viewed on the SEAMEO BIOTROP youtube channel <https://www.youtube.com/c/seameobiotropchannel>.

Details of Visit Program

FY 2016/2017	3,679 visitors from 65 visits
FY 2017/2018	3,348 visitors 58 visits
FY 2018/2019	5,431 visitors the Centre accommodated 5,341 visitors from 98 visits. This number significantly increased by 59% from the previous fiscal year.
FY 2019/2020	3,605 visitors from 76 visits
FY 2020/2021	160 visitors form 11 visits



ADMINISTRATION MANAGEMENT

The current organizational structure of BIOTROP is a structure that has been approved by the 58th GBM in 2020. This structure is considered to meet the needs of the current organization, taking into account the organizational mandate as well as existing internal and external issues. In addition, it has also considered the scope of implementation of QMS certification based on ISO 9001. However, due to the dynamics of internal and external issues, SEAMEO BIOTROP is also planning to improve its organizational structure. The most influential external issue at this time is the reduction in the budget from the Government of Indonesia for programs, including research, training, and dissemination of research results. This is the biggest challenge facing SEAMEO BIOTROP apart from the Covid-19 pandemic. The composition of functional staff (researchers, lecturers, trainers) and support staff (administration, drivers, security) at SEAMEO BIOTROP is 1:1.37. This composition is considered inadequate in accommodating SEAMEO BIOTROP's mandate, namely: research, training, and dissemination. In relation to improving the implementation of this mandate, SEAMEO BIOTROP has made a number of efforts, including leadership training, risk management, research management, and other technical training. In addition, SEAMEO BIOTROP also supports its staff to continue their education to a higher level through masters and doctoral programs. In addition, SEAMEO BIOTROP also has a new Core Value, namely SCIENCE: Sustainability, Creativity, Integrity, Equality, Naturality, Connectivity, and Equality. The new SEAMEO BIOTROP core value is in line with SEAMEO BIOTROP's spirit of supporting the advancement of education, namely Science to Education as stated in the SEAMEO 7 priorities.

Quality Management System complies with International Standards ISO 9001 and ISO 17025

Quality Management Systems enable businesses in organizations to consistently apply quality processes to produce services and products which meet customer expectations and regulatory requirements. QMS frameworks such as ISO 9001:2015 provide a comprehensive blueprint for customer-focused quality management based on principles for leadership, the workforce, processes, improvement, evidence-based decisions, and relationships.

SEAMEO BIOTROP has several departments with diverse activities. Therefore, SEAMEO BIOTROP implements a Quality Management System based on ISO 9001 to ensure the consistency of the quality of services and products produced. Certification as a formal recognition of ISO 9001 implementation has been received by SEAMEO BIOTROP since 2008 from SUCOFINDO-International Certification Services (SICS). By the end of 2021, SEAMEO BIOTROP will renew its ISO 9001 certification. The scope of Quality Management System certification at SEAMEO BIOTROP includes:

- Scientific Research
- Product Development
- Training Administration
- Knowledge Management
- Research Support Activities Management
- Dormitory and Facilities Management

In addition to ISO 9001, SEAMEO BIOTROP has also been accredited with ISO 17025 (General Requirements for Technical Competence for Testing and Calibration Laboratories) for the Services Laboratory and Innovation Department. This formal recognition has been obtained from the National Accreditation Committee since 2004. In December 2020, SLID received ISO 17025 re-accreditation with a validity period up to 2025. The scope of the accreditation obtained includes environmental quality parameters for water and wastewater, ambient air and air emissions, soil, plants, and food. All these accredited parameters not only support SEAMEO BIOTROP's flagship program but also support the industry in monitoring environmental quality in compliance with environmental regulations from the government. In addition, the implementation of the laboratory quality management system at SLID has improved the quality of graduates of vocational schools in analytical chemistry, by minimizing the gap in the quality of graduates and the expectations of the industrial world.

Top Management Changes

SEAMEO BIOTROP has a new Director and DDA starting in 2021 because the tenure of the previous Director, Dr Irdika, ended in December 2020. The mechanism for appointing the Director and DDA of SEAMEO BIOTROP has been stated in the Enabling Instrument of SEAMEO BIOTROP Section X "Centre Official". The flow of appointment starts from the SEAMEO BIOTROP Letter to the Minister of Education and Culture of the Republic of Indonesia, regarding the term of office of the Director and DDA as well as the proposed names of candidates for Director and DDA recommended by IPB as GB member Indonesia. The Minister of Education and Culture will send a letter of approval for the proposed names of candidates for Director and DDA to GB Chair SEAMEO BIOTROP and a copy to SEAMES. The GB Meeting Forum will decide on the proposed names of candidates for Director and DDA. After that the GB members appoint the Director and DDA according to the proposed names from the Minister of Education and Culture and report to SEAMES. Furthermore, SEAMES reports the results of this determination to the GB Chair and the Minister of Education and Culture, then the President of the SEAMEO Council issues a formal letter of appointment of the Director and DDA. President of SEAMEO Council on 31 March 2021 and Letter of Appointment signed by the Centre's Board Chairperson on 26 October 2020, Dr Zulhamsyah Imran from Institut Pertanian Bogor (IPB) was appointed to serve as the Centre's Director and Dr Perdinan as the Deputy Director for Administration, effective 1 January 2021, respectively.

New Organizational Structure Starting from January 2021

During the fiscal year under review, the Centre also made adjustment in the organizational structure. The Centre also launched 10 main programs to increase the Centre's contributions and enhance the organization's visibility. The 10 main programs are:

- BIOMA (BIOTROP Management and Administration)
- BIOTA (BIOTROP Innovate Transformation for Action)
- BEE (Biodiversity and Technology)
- BIOSOBAT (BIOTROP School of Biodiversity and Technology)
- BLF (Biodiversity Leadership Forum)
- BIOMIND (BIOTROP Initiation and Network Development)
- BIOCHAR (BIOTROP Charity)
- BTS (BIOTROP to School)
- BIOMOP (BIOTROP Media Outreach and Publication)
- BLEND (BIOTROP Learning and Enrichment Development)

In order to accelerate the achievement of program objectives in the BID 100, it is necessary to make changes to the existing organizational structure. In principle, the new structure has not changed completely. Manufacture and Innovation Department (MID) is a Product Development Unit (PDU) of plant seed production through tissue culture techniques and cultivation and processing of edible mushroom. In order to optimize the function of the PDU, it was decided to upgrade the PDU to a new department. This name change does not have an impact on increasing personnel and costs but can accelerate the achievement of SEAMEO BIOTROP's quality targets. SEAMEO BIOTROP also changes the name of the department to match the assigned tasks. The changes in the department include: Capacity Building Department changes to Human-Centered Innovation Department, Research Department changes to Research Hub Innovation Department, Services Laboratory Department changes to Services Laboratory Innovation Department. The new SEAMEO BIOTROP structure can be seen in Figure 23.

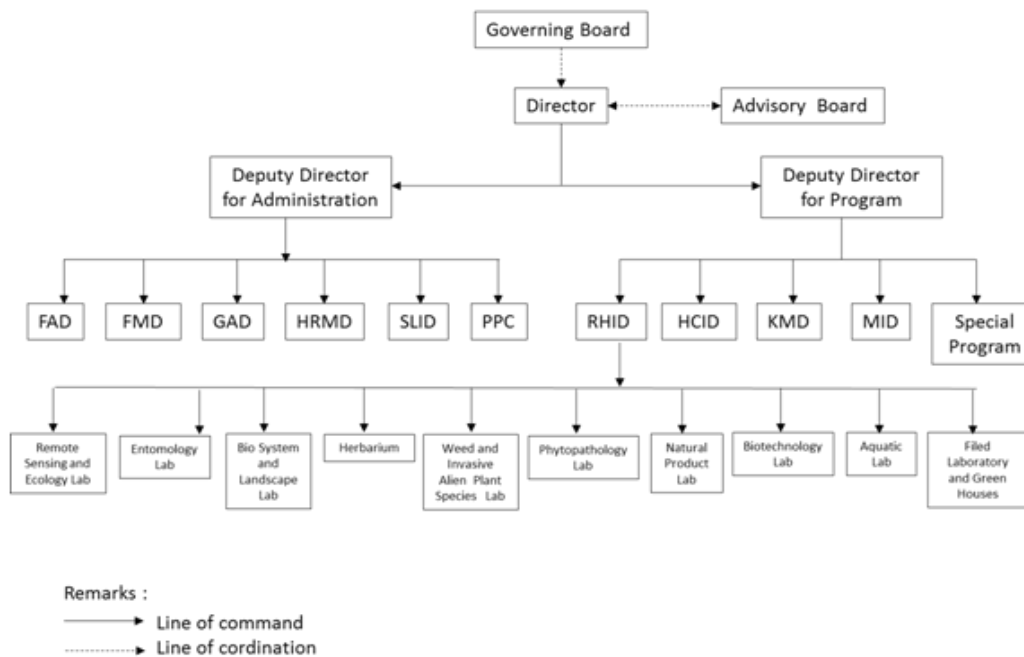


Figure 23. New Structures of SEAMEO BIOTROP

Newly Developed Administration and Management Information System Application (ISAIMaT)

At the end of 2020, SEAMEO BIOTROP has developed 1 administrative and management information system application (ISAIMaT). ISAIMaT is one of SEAMEO BIOTROP 10th FYDP targets: SEAMEO BIOTROP Integrated Administrative Information Management System. With the implementation of ISAIMaT at SEAMEO BIOTROP, the administrative and communication processes can be done more easily. Especially during this pandemic, where most of the SEAMEO BIOTROP staff have to work from home.

The existence of ISAIMaT or this digital mailing system replaces the previous manual or conventional-based administrative and management processes to become electronic-based. ISAIMaT makes coordination much easier and this is an innovation that facilitates and supports the creation of an effective, efficient, time-saving, and cost-effective mailing service.

In terms of disposition of letters, ISAIMaT is very effectively used, especially in achieving the purpose of posting, which is fast, so that it will make it easier for workers to coordinate in carrying out their duties, easy and on target, does not take long, is not limited by time and place, so that the purpose of the disposition is achieved.

Prevention of Covid-19 transmission at SEAMEO BIOTROP

Since 2020, the whole world, including SEAMEO BIOTROP, has to face the Covid-19 Pandemic, which spreads very quickly and can cause death. SEAMEO BIOTROP moved quickly by forming the Covid-19 Prevention Task Force. This task force was formed in 2020 and received a mandate from the Director to prevent the transmission of Covid-19 in the SEAMEO BIOTROP environment and employees' families. SEAMEO BIOTROP has disseminated health protocols to prevent transmission. SEAMEO BIOTROP has also prepared several of its dormitories for self-isolation for staff exposed to Covid-19. During self-isolation period in the dormitory, daily health assistance and monitoring were carried out by SEAMEO BIOTROP Covid-19 Task Force through reports of oxygen saturation, temperature and patients' conditions. By 25 Agustus 2021, 96% of SEAMEO BIOTROP staff have been vaccinated and there are 4% have not been vaccinated due to health reasons. During the pandemic, there were 24 persons who were infected with the Covid-19 virus (11%) and they have fully recovered after self-isolation at their home.

Recommendations

Monitoring and evaluation of quality management system implementation at SEAMEO BIOTROP are carried out through the scheme of Internal Audit, External Audit, and Management Review which is carried out once a year.

The pandemic due to Covid-19 since 2020 has taught us to be able to work remotely. Administrative work can be done in this way. However, this is not the case with jobs that require us to be present in the field, such as: testing and observing in laboratories, greenhouses, and experimental fields. Slowly, SEAMEO BIOTROP began to develop information systems and applications for jobs in the Facility Management Department, Human Resources Management Department, Manufacturing Innovation Department, Services Laboratory Innovation Department, Human-Centered Innovation Department, and Research Hub Innovation Department.

HUMAN RESOURCE DEVELOPMENT

Human Resources (HR) is a very important factor to support the achievement of the vision and mission of an organization. Therefore, SEAMEO BIOTROP manages and develops Human Resources in a professional and planned manner.

The HR management and development system implemented at SEAMEO BIOTROP has been started since the selection stage in the recruitment process for employees who have competencies and skills according to the needs of the Centre.

SEAMEO BIOTROP pays special attention to HR management through regular policy improvement and optimization of the implementation of continuous employee development. SEAMEO BIOTROP provides competency development programs which include: managerial and leadership skills based on needs, application of rewards and punishments as well as considering employee health and safety to create a conducive work environment to support the achievement of the vision and sustainable organizational growth.

Human Resource Composition by Employment Status

As of June 2021, the number of SEAMEO BIOTROP employees is 221 employees, consisted of 112 permanent employees (PNS and PPNPN/non-PNS), 18 Affiliate Scientists, 50 outsourcing staff and 5 project staff.

During the fiscal year under review, there were several changes to SEAMEO BIOTROP Personnel, namely promotion (3), new appointment (8), reappointment of Affiliate Scientist (9), resignation (1), retirement (1), rotation (7), and 1 staff has received the 2020/2021 SEAMEO Service award.

As a regional research institution in the field of tropical biology, SEAMEO BIOTROP needs to be supported by competent human resources in their fields, meaning that the composition of functional staff (researchers, lecturers, trainers) must be larger than support staff (administration, driver, security), but the current composition is 1:1. This composition is considered inadequate in accommodating SEAMEO BIOTROP's mandates, namely: research, training, and information dissemination.

Human Resource Competence

Competency-based HR development is carried out in order to provide results in accordance with organizational goals and objectives with established performance standards. Therefore, individual performance in the organization is a way to increase the productivity of the organization itself.

SEAMEO BIOTROP is committed to develop the capabilities of its human resources in their respective areas and general organizational competencies toward of achieving the Centre's vision, mission and goals.

Raising Issues (National to Global)

1. Guidelines for measuring employee performance

Staff competence is critical to the overall success of the center's performance. Competence is often also referred to as the ability and ability to do something. The result of good competence is good performance. Conversely, if the employee's competence is not good, the employee's performance is also less than optimal.

2. Lack of staff competence

The impact of poor employee performance will disrupt the stability of central operations. Meanwhile, technological developments are accelerating and the Centre must meet these developments through increased performance.

Solutions (Trend and Analysis)

To address the lack of employee competence, SEAMEO BIOTROP has taken several steps, including:

1. Create guidelines for the Assessment of Key Performance Indicators with the Balanced Score Card (BSC) and SEAMEO BIOTROP Workload Analysis;
2. Provide opportunities for staff to participate in certified training in accordance with their field of expertise and main tasks, so that staff are more competent in their fields and can provide new ideas or innovations for the advancement of SEAMEO BIOTROP;
3. In order to improve the implementation of the mandate, SEAMEO BIOTROP has made several efforts, including: leadership training, risk management, research management, and other technical training courses.
4. In addition, BIOTROP also supports its staff to continue their education to a higher level through master and doctoral programs.

Highlights and Impacts

Competency standardization of SEAMEO BIOTROP staff must be carried out, because this standardization is closely related to the performance and development of the Centre. In having a clear standard of competence, SEAMEO BIOTROP will facilitate the analysis of competence gaps and assist in the HRD performance appraisal.

Employees who excel both internally and externally become more aware of the existing main tasks and functions (Tupoksi) even though there are gaps in educational backgrounds and experiences. Employees also become increasingly aware of their main tasks and functions.

Staff Development

During the period July 2020-June 2021, more than 100 staff became resource persons, facilitators, moderators, instructors, assessors, etc. in various seminars, conferences, workshops at national and regional levels.

The Centre also provides opportunities for staff development to more than 70 percent of staff members, such as attending training, conferences, seminars, workshops and symposia in Indonesia and abroad.

In the 2nd year of Covid-19 Pandemic, many activities have been carried out online so that many provide good opportunities for staff to participate in these activities and increase their knowledge.

There were 1,170 recorded activities that were attended by staff, including participants, resource persons, assessors, judges in an activity, presenters, instructors, moderators, and others (Appendix 6).

These staff development activities consisted of 3 regional and 430 national events. Nine of these events was organized through the Centre's capacity development program coordinated by Human Resources Management Department, namely:

1. Scriptwriting Workshop and Educational Video Making, Bogor, SEAMEO BIOTROP, 6-13 July 2020,
2. Risk Management Implementation Training based on ISO 31000, 14 September 2020,
3. Focus Group Discussion (FGD) preparation of Key Performance Indicators (KPI) Based on Balanced Scorecard (BSC) and Workload Analysis, Jakarta, 18 November 2020,
4. Workshop on the preparation of Workload Analysis, Jakarta, 1 - 2 December 2020,
5. Risk Management Implementation Training based on ISO 31000, Bogor, 23 - 24 November 2020,
6. In-house Training on the Implementation of Risk Management in Facing the Digital Era and the New Normal, Bogor, 9 - 10 March 2021,
7. Workshop on the Compilation, Registration and Management of Intellectual Property Rights (IPR), Bogor, 23 March 2021,
8. In-house Training Podcast, Bogor, 30 - 31 March 2021,
9. Workshop and Focused Discussion Organizational System Governance SEAMEO BIOTROP, Bogor, 18 June 2021.

Two staff members have been facilitated to pursue Master's degree study with personal initiatives, namely:

1. Mr. Saiful Bahri, Research Assistant, Research Hub Innovation Department, continues his education in Masters in Plant Biology Study Programs, Graduate School, Institut Pertanian Bogor (IPB);
2. Ms. Riana Hartati, Field and Greenhouse Coordinator, Research Hub Innovation Department, continues her education in Masters in Natural Resources and Environment Management, Graduate School, Institut Pertanian Bogor (IPB).

Three staff have finished their study this fiscal year, namely:

1. Ms. Anidah, M.T.Pn., Research Assistant, RHID, completed her Masters degree in Food Technology from Graduate School, Institut Pertanian Bogor (IPB). Her research title "Characterization of Toxigenicity of *Aspergillus flavus* from Agricultural Commodities in Indonesia";



- Ms. Risa Rosita, M.Si, Research Assistant, RHID, completed her Masters degree in Soil and Environmental Biotechnology from Graduate School, Institut Pertanian Bogor (IPB). Her research title is "Growth and Phytoremediation Potency of *Brachiaria decumbens* Stapf. Enriched by *Claroideoglossum etunicatum* dan *Bacillus* sp. on Ex-Coal Mining Soil";
- Ms. Nijma Nurfadila, M.Si, Research Assistant, RHID, completed her Masters degree in Post-harvest technology from Graduate School, Institut Pertanian Bogor (IPB). Her research title is "Improving the Quality and Food Safety of Dry Cocoa".

Staff Performance

SEAMEO BIOTROP is committed to developing the capabilities of human resources in their areas of expertise and the competitiveness of the organization in general toward the achievement of the vision, mission and goals of the Centre.

Raising Issues (National to Global)

- Employee performance assessment

The existence of the Covid-19 Pandemic has caused obstacles in the employee performance appraisal system. This is due to a government regulation that enforces working from home and working in the office, this results in the achievement of the annual work plan being hampered;

- Employee attendance

Staff attendance has not been carried out properly, even though there is already an online attendance system, so that employee attendance data is not complete for employee behavior assessments.

Solutions (Trend and Analysis)

To anticipate problems in the employee performance appraisal system at the Centre, SEAMEO BIOTROP together with 7 centers under SEAMEO in Indonesia, agreed to create an online-based employee performance appraisal system called e-SKP,, which includes components of work performance, work behavior and attendance.

Highlights and Impact

The employee performance appraisal system (e-SKP) is expected to be a guide in evaluating the performance of employees in every SEAMEO Centre in Indonesia by using integrated online platform and can become a well-organized employee data collection system and become a reference in giving rewards and punishments to employees.

Affiliate Scientist

In realizing SEAMEO BIOTROP's mission to provide scientific knowledge and build capacities of institutions and communities in conserving and managing tropical biology sustainably for the well-being of communities and the environment of Southeast Asia, SEAMEO BIOTROP requires competent human resources with expertise in various fields of tropical biology. The affiliate scientist program is an effort initiated by the Centre to increase its competitiveness as a research and training center in the field of tropical biology.

Raising Issues (National to Global)

Issues related to affiliate scientists are as follows:

- Currently Affiliate Scientist at SEAMEO BIOTROP is appointed based on input from the Board of Directors or several researchers and the process is requested directly by SEAMEO BIOTROP by first asking the relevant agency for permission;
- The number of affiliate scientists is still insufficient to accommodate superior programs at SEAMEO BIOTROP;
- There are no guidelines for the appointment of SEAMEO BIOTROP affiliate scientists.

Solution (Trend and Analysis)

To resolve the issues mentioned above, the Centre performs the following steps:

- Provide opportunities for researchers and practitioners to apply and join as Affiliate Scientist at SEAMEO BIOTROP;
- Classify Affiliate Scientist into several categories, namely: Senior Affiliate Scientist, Junior Affiliate Scientist, Young Scientist Fellows and Graduate Student Fellows. The classification is expected to provide more opportunities for applicants to join SEAMEO BIOTROP according to their category and expertise;
- Develop guidelines for research networks in the field of tropical biology.

Highlights and Impacts

The opportunity for researchers, academics or practitioners from various fields of expertise to become Affiliate Scientists at SEAMEO BIOTROP is expected to provide opportunities for outside researchers to join and expand the Centre's network in implementing SEAMEO BIOTROP's vision and mission as well as opening opportunities for collaboration and research funds from various organizations or donor agencies at the local, national, regional and international levels.

No.	Name of Researchers	Institution	Contact (Hp, Email)	Expertices	Valid until
1	Dr Ir Irdika Mansur, MForSc	Department of Silviculture, Faculty of Forestry and Environment, Institut Pertanian Bogor (IPB)	irdikam@biotrop.org	Silviculture, Agroforestry, Post-Mining Land Rehabilitation	31 December 2022
2	Prof Dr Okky Setyawati Dharmaputra	SEAMEO BIOTROP	okky@biotrop.org	Mycology; Fungi on foodstuff and their mycotoxin	31 December 2022
3	Dr Sri Sudarmiyati Tjitrosoedirjo, MSc	SEAMEO BIOTROP	sudarmiyati@biotrop.org	Botanist (Weed and Invasive Alien Plant Species, Asteraceae)	31 December 2022
4	Dr Soekisman Tjitrosoedirjo	SEAMEO BIOTROP	s.tjitrosemito@biotrop.org	Plant Ecophysiologicalist	31 December 2022
5	Dr Idham Sakti Harahap	Departement of Plant Protection, Faculty of Agricultur, Institut Pertanian Bogor (IPB)	idham@biotrop.org; iharaha@apps.ipb.ac.id	Urban Pest Management	31 December 2022
6	Dr Supriyanto	Departement of Silviculture, Faculty of Forestry and Environment, Institut Pertanian Bogor (IPB)	supriyanto@biotrop.org	Plant Physiology, Essential Oils, Silviculture, Seed Technology, Forest Health Monitoring, Natural Forest Silviculture	31 December 2022
7	Prof drh Bambang Purwantara, MSc, PhD	Department of Veterinary Clinic Reproduction and Pathology, FKH, Institut Pertanian Bogor (IPB)	b.purwantara@biotrop.org	Reproduction Biotechnology	31 December 2022
8	Dr Ir Burhanudin Masy'ud, MSi	Departement Conservation of Forest Resources and Ecotourism, Faculty of Forestry and the environment, Institut Pertanian Bogor (IPB)	masyud06@yahoo.com, burhanuddin_m@apps.ipb.ac.id	Ecology and Wildlife Management; Wildlife Ex-situ Conservation	31 December 2022
9	Dr Ir Abdul Munif, MSc. Agr	Departement of Plant Protection, Faculty of Agriculture, Institut Pertanian Bogor (IPB)	munif22@yahoo.com	Plant Nematology	31 December 2022

10	Prof Dr Ir Arief Sabdo Yuwono, MSc	Department of Civil and Environmental Engineering (SIL), Faculty of Agricultural Technology, Institut Pertanian Bogor (IPB)	arief.sabdo.yuwono66@gmail.com	Management of Air Quality and Environmental Noise, Management of Greenhouse Gases, Management of Solid Waste, Environmental Sanitation Engineering	31 December 2022
11	Prof Ris Dr Muhammad Winugroho	Livestock Research Institute (Balitnak), Center for Livestock Research and Development	mwinugroho@yahoo.com; m.winugroho@pertanian.go.id	Animal Feed and Nutrition	31 December 2022
12	Dr Awang Maharijaya	Division of Plant Biotechnology, Department of Agronomy and Horticulture, Faculty of Agriculture, Institut Pertanian Bogor (IPB)	awangmaharijaya(at)ipb.ac.id; awang.maharijaya(at)gmail.com	Plant Biotechnology	31 December 2021
13	Dr Dewi Wulandari	Department of Environmental Engineering, Faculty of Civil and Planning Engineering UII, Yogyakarta	dewi.wulandari@uii.ac.id	Soil Science, Bioremediation, Biotechnology, Soil Microbiology, Plant Physiology	31 December 2021
14	Dr Ichsan Akhmad Fauzi	Department of Aquaculture, Faculty of Fisheries and Marine Science, Institut Pertanian Bogor (IPB)	ichsanfauzi@apps.ipb.ac.id	Aquaculture, Fish Feed Production	31 December 2021
15	Dr Ir Ulfah Juniarti Siregar MAgr	Department of Silviculture, Faculty of Forestry and Environment, Institut Pertanian Bogor (IPB)	ulfahjsiregar@biotrop.org	Forest Genetic, Tree Improvement, Biotechnology, and Bioenergy	31 December 2021
16	Dr Ir Sri Yuliani	Center for Agricultural Post-Harvest Research and Development, Bogor	sriyuliani@pertanian.go.id	Postharvest Technology	31 December 2021
17	Dr Surono	Soil Research Institute, Research and Development of Agriculture, Bogor	suronotjasmad@gmail.com, balittanah@litbang.pertanian.go.id	Soil Biology and Health	31 December 2022
18	Dr Jamaluddin Malik	Forest Products Research and Development Center	jmalik.forda@gmail.com; jmalik@pustekolah.org	Wood Science and Forest Product Technology	31 December 2022



FACILITY IMPROVEMENTS

Facility management conducted by the Facility Management Department consists of Procurement, Maintenance and Removal Processes. Procurement is a process to fulfill or supply required goods. The Centre's assets require maintenance to keep the good conditions and proper functions of buildings, equipment or machineries. All state assets that are heavily damaged or determined to be no longer usable, will be returned to the Government of Indonesia through a deletion process.

Within the procurement process, there are main issues often encountered. One of them is that not all departments/units' proposed needs are fulfilled due to the DIPA budget cuts. In overcoming this issue, the procurement unit coordinates with the department/unit to prioritize the required goods based on the budget availability, and produce a joint decision on procuring the goods. The procurement system is carried out by seeking

market value of the needed goods and services and then comparing that information with the value provided by the suppliers.

In the process of implementing the maintenance work, there are limitations to the proposed budget ceiling. The maximum budget is not more than twenty-five million rupiah (including VAT), while the reality of the work in the field is that there are still maintenance activities that exceed the budget ceiling value. The solution is to assess and estimate maintenance-related work according to a predetermined budget so that maintenance activities run according to previously planned plans. In addition, it is often found that the plans that have been planned by the FMD team are not approved by the PPK on the basis of priorities and there are cuts in the DIPA budget. The solution to this problem is to follow the advice/recommendations from KDP or maintenance is carried out in stages so that maintenance activities continue and minimize damage. Optimizing care-related activities is carried out by assessing the offerings of a minimum of three providers. The selected provider is the one who provides the lowest offer, has experience in their field, quality of work, and sees the results of previous job evaluations.

The issue in the process of deleting State Property (BMN) is that there are BMN recorded in the BMN system application but the physical BMN in the field is not stored in a predetermined place, there are even items that are not traceable at the time the BMN will be proposed for deletion. The solution to the problem is to periodically update the BMN data so that when the process of deleting the goods to be proposed, the physical goods are traced properly, so that the BMN deletion process is easy to do. The lack of documents that are requirements for the elimination of BMN are often found in the field, this is because the information obtained from KPNKL personnel is always changing. To anticipate the lack of requirements, namely by asking for information on the requirements for the elimination of BMN in full and thoroughly to KPNKL personnel so that the internal committee for the elimination of BMN does not go back and forth to KPNKL to complete the lack of documents for the elimination of BMN. To optimize the elimination of BMN, the priority is BMN which is considered to be in a severely damaged condition, the age of BMN which is considered to be too long and unfit for use. The optimization is carried out so that new procurement of goods can be submitted after the BMN is abolished.

The three facility management processes have the same flow. The flow is as follows:

1. Planning
Every procurement, maintenance and removal proposal activity begins with the planning stage so that the results are as expected.
2. Implementation
After the planning process is carried out, the next stage is the implementation process. This stage will refer to careful planning and carried out according to the scheduled time.

3. Reception

At this stage, the output produced by the provider is in the form of a Handover Report (BAST) document which is validated by the PPK and the provider.

4. Maintenance

Assets owned require maintenance with the intention of keeping the building, equipment or machinery in order to function properly.

5. Evaluation

The results of the work from the provider need to be assessed including scheduling, communication, coordination, work results, and responsiveness to complaints. This evaluation is used as a reference and justification for whether the provider will extend the contract or not.

FINANCIAL VIABILITY

In fiscal year (FY) 2020/2021, SEAMEO BIOTROP received USD 1,461.218- as Operating Fund from the Government of Indonesia (Gol) to cover staff salary and wages, operational expenses, and building and equipment maintenance. This amount is 12.61% higher than the previous fiscal year's 2019/2020. The Centre also received the annual Special Education and Development Fund (SEDF) of US\$ 71,000 from SEAMEO Secretariat which is intended for conducting regional and international trainings and seminars, research, Governing Board Meeting (GBM), and personnel exchange. After deducting bank administrative charges, the Centre received a net SEDF amount of USD 70,995. During the FY 2020/2021 in review, SEAMEO BIOTROP receive Capital Fund from the Gol amount of USD 107,722 as generally all funding SEAMEO BIOTROP Received are increase. The statement of operations and changes in fund balances for FY 2018/2019, FY 2019/2020 and FY 2020/2021 is summarized below :

	FY 2018/2019	FY 2019/2020	FY 2020/2021
<i>Capital Funds</i>	33,253	15,415	107,722
<i>Operating Funds</i>	1,729,573	1,282,119	1,353,496
<i>Special Funds</i>	70,995	70,995	70,995
<i>Other Funds</i>	222,534	80,441	108,590
<i>Unallocated Funds</i>	246,573	158,528	157,738

Figure 24. SEAMEO BIOTROP Funds FY 2018/2019, FY 2019/2020, and FY 2020/2021

Graphics of Statement of Operations and Change in Fund Balance :

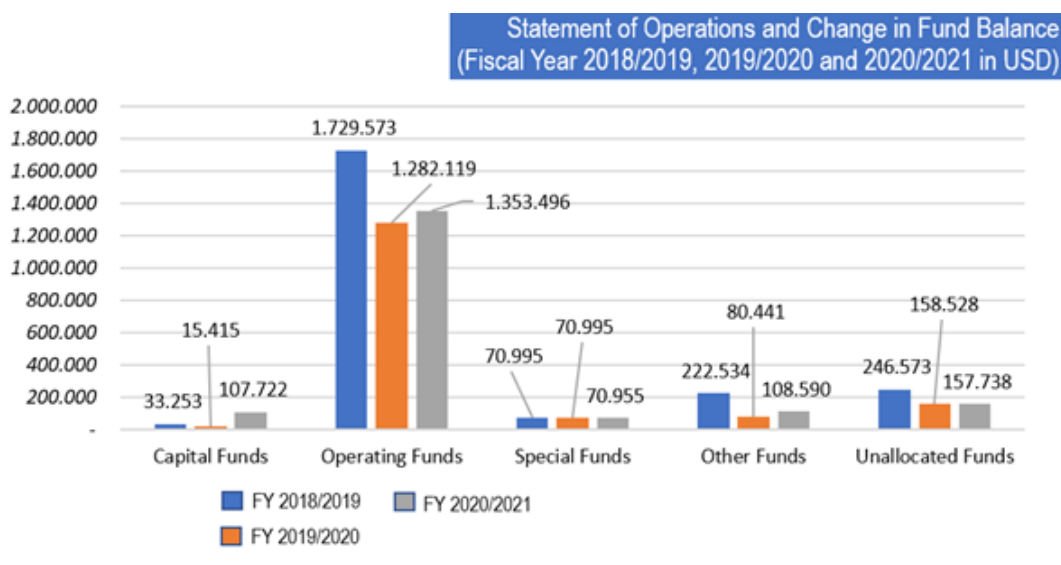
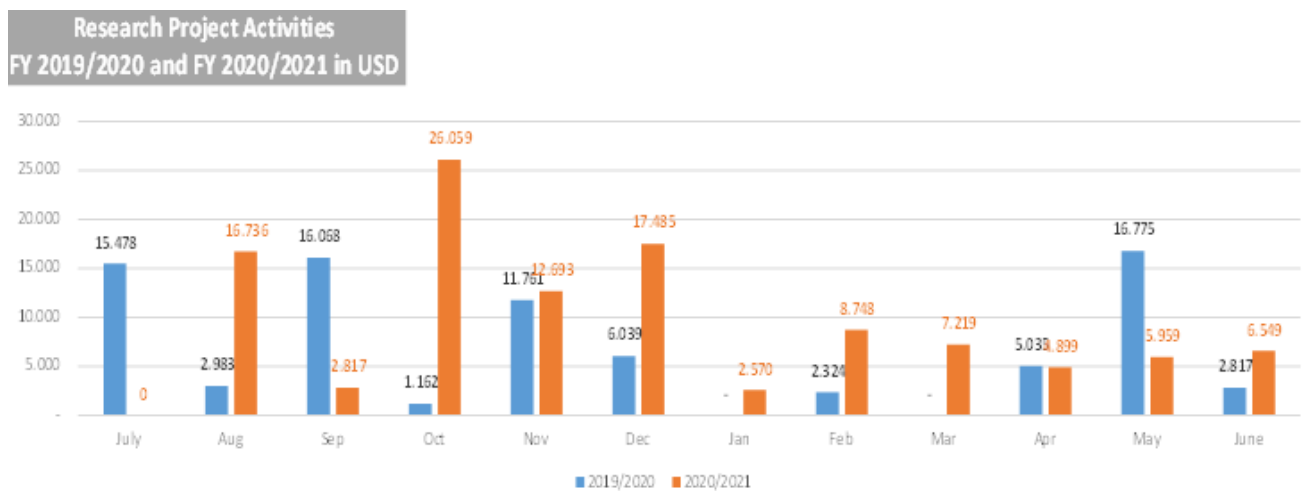


Figure 25. Statement of Operations and Change in Fund Balance FY 2018 - 2021

On the other hand, SEAMEO BIOTROP generates income from several research project activities. In FY 2019/2020 and FY 2020/2021, from July 2019 to June 2020 and July 2020 to June 2021, there was decrease in August 2019. In October, income from collaborative research projects increased by USD 26,059.

Research and Project Activities FY 2019/2020 and 2020/2021 for Research Activities in USD :



FY	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
2019/2020	15,478	2,983	16,068	1,152	11,761	6,039	-	2,324	-	5,035	16,775	2,817
2020/2021	0	16,736	2,817	26,059	12,693	17,485	2,570	8,748	7,219	4,899	5,959	6,549

Figure 26. Statement of Operations and Change in Fund Balance :



The Appendices for this SEAMEO BIOTROP
Annual Report for Fiscal Year 2020 - 2021
can be accessed online at:
<http://link.biotrop.org/AR2021>





APPENDICES OF ANNUAL REPORT 2020-2021

APPENDIX 1.

ON-GOING NATIONAL RESEARCH

No.	Title of Research Projects	Researcher/s	Objective(s)	Target Beneficiaries	Output and Impacts Produced	Funding Sources	Partners
1	Biotechnology Application for Provision of Superior Seedlings of Cottonii Seaweed	Dr Erina Sulistiani	<ol style="list-style-type: none"> 1. To optimize tissue culture procedure for increasing the capacity of providing micropropagules and plantlets of Cottonii seaweed var. Maumere. 2. To determine the procedure for acclimatization of the broodstock of Cottonii seaweed var. Saccol in the laboratory. 	The Indonesian Ministry of Marine Affairs and Fisheries, Aquaculture Center, Agency of Marine Affairs and Fisheries, Seaweed farmers	Superior Seedlings of Cottonii Seaweed are available sustainably	GOI-PRN LPDP	LIPI, Kalimajari Foundation
2	Piloting Tissue Culture of Cottonii seaweed (<i>Eucheuma cottonii</i> , <i>Kappaphycus alvarezii</i>) for Improving Productivity, Sustainability and Quality of Seaweed Seedlings	Dr Erina Sulistiani	<ol style="list-style-type: none"> 1. To draft SOP which are ready for piloting. 2. To establish trial and pilot tissue culture in SEAMEO BIOTROP for plantlets procurement. 	The Indonesian Ministry of Marine Affairs and Fisheries, Aquaculture Center, Agency of Marine Affairs and Fisheries, Seaweed farmers,	<ol style="list-style-type: none"> 1. Increased productivity and quality of Cottonii seaweed (<i>Kappaphycus alvarezii</i>, <i>Eucheuma cottonii</i>) seedlings. 2. Improved capacity of researchers, institutional research, local traders, and the multi-stakeholders. 	UNIDO	SMART Fish-2, The Indonesian Ministry of Marine Affairs and Fisheries,
3	Effects of Temperature, Water Activity, and Carbon Dioxide on Aflatoxigenic <i>Aspergillus flavus</i> Growth and Aflatoxin Production in Peanuts	Prof Dr Okky Setyawati Dharmaputra; Ir Ina Retnowati; Nijma Nurfadila, MSi; Harry Imantho, MSc; Santi Ambarwati, MSi	<ol style="list-style-type: none"> 1. To test the effect of temperature, water activity (aw) and CO₂ levels on <i>A. flavus</i> growth rate and aflatoxin production of stored peanuts. 2. To make a model that describes the effect of temperature, water activity (aw) and CO₂ levels on <i>A. flavus</i> growth rate and aflatoxin production of 	Farmers, collectors, exporters, scientific community	<ol style="list-style-type: none"> 1. A model that can predict an appropriate storage conditions for peanuts based on temperature, water activity and CO₂ level in relation in <i>Aspergillus flavus</i> growth and aflatoxin production. 2. A model that can be effectively implemented in 	DIPA 2021	None

			stored peanuts		minimizing the risk of aflatoxin contamination of the stored peanuts.		
4	Climate Change Worsens the Impact of <i>Vachellia nilotica</i> Invasion on Savanna in Baluran National Park	Dr Soekisman Tjitrosoedirdjo; Dr Sri S. Tjitrosoedirdjo, MSc; Indah Wahyuni, MSi; Dr Hamim; Prof Drh Bambang Purwantara, MSc, PhD; Saiful Bachri, S Si	<ol style="list-style-type: none"> 1. To collect C4 grasses, such as <i>Dichanthium aristatum</i>, <i>Brachiaria reptans</i>, <i>Sorghum ritidum</i>, <i>Schlerachne punctate</i>, <i>Themeda triandra</i> seeds. 2. To ensure that the seeds are from the C4 plants, by planting the seeds in a greenhouse for measuring the photosynthesis rate. 3. To measure the competitive ability of the grasses. 4. To further study the competition of grasses against other vegetations in the greenhouse following the approach of replacement series. 5. To select C4 productive competitive grasses and their establishment in developing a productive pasture to support the livelihood of fauna in the park. 6. To plant selected local C4 grasses, following recommendations from the output of these research activities. 	The Directorate General of Nature Resources and Ecosystem Conservation, National Park, NGO.	1. Productive grasses as additional component of the best management practices to manage the invasive <i>Vachellia nilotica</i> and pathways to support the population recovery of Banteng (<i>Bos javanicus javanicus</i>), deer, peacock (<i>Pavo muticus</i>) and jungle fowl living in Baluran Naional Park.	DIPA 2021	Baluran National Park
5	Development of Ant and Cockroach Control Methods in Urban Areas Based on Baiting System	Dr Idham S. Harahap; Trijanti A. Widinni A., SP., MSi;	<ol style="list-style-type: none"> 1. To investigate the types of ants commonly found in the city of Bogor. 	Pest control, household	1. List of ant and cockroach species commonly found in residential areas in	DIPA 2021	None

		Herni Widhiastuti SSi	<ol style="list-style-type: none"> To test the preferences of ants and cockroaches to food baits containing sugar, protein, lipid, and combined ingredients. To test the effectiveness of two types of botanical insecticides (bintaro or sea mango seed extract and fish poison bean leaf extract) against ants and cockroaches. To make ready-to-use bait formulations and designed traps for ant and cockroach bait applications in residential areas. 		<p>Bogor area.</p> <ol style="list-style-type: none"> Ready-to-use bait formulations containing botanical insecticides which set in a trap for ant and cockroach control in residential areas. 		
6	Neonicotinoid Contamination in Indonesian Estuarine Waters in Relation to Agricultural Land Use (A Case Study in Indramayu Regency)	Dr Aslan; Prof Dr Masumi Yamamuro; Zanne Sandriati Putri, SSi; Armaiki Yusmur, MSi.	<ol style="list-style-type: none"> To analyze the concentrations of neonicotinoid residues in estuarine waters in Indramayu Regency. To analyze the agricultural land use along the banks of the rivers and creeks in Indramayu Regency. To analyze the influence of agricultural land use on the concentrations of neonicotinoid residues in estuarine waters in Indramayu Regency. 	Government, scientific community	<ol style="list-style-type: none"> Recommendations and considerations for the Indonesian Government to control the use of neonicotinoids and its pollution in Indonesian environmental waters to prevent the decrease of animal population. Publication in an international reputable scientific journal. 	DIPA 2021	University of Tokyo, Japan
7	Determination of C/N Ratio In Vannamei Shrimp <i>Litopenaeus Vannamei</i> Culture with Biofloc System for Improving Growth and Feed Efficiency	Dr Ichsan Achmad Fauzi; Shella Marlinda, MSi; Feredik Djonatan Ngili; Yana	<ol style="list-style-type: none"> To determine C/N ratio in shrimp <i>L. vannamei</i> seedlings under biofloc system. To evaluate the growth 	Government, scientific community	<ol style="list-style-type: none"> The best C/N ratio for Vannamei shrimp farming using biofloc system Publication in an 	DIPA 2021	None

			performance and feed efficiency of <i>L. vannamei</i> seedlings under biofloc system.		international reputable scientific journal.		
8	Direct Seeding and Seedball Techniques as Alternative Planting Method for Reclamation in Post Mining Area	Armaiki Yusmur, SSI, MSi; Dr Irdika Mansur, MForSc; Risa Rosita, MSi; Salma Zubaidah, SHut; Septian Faris Al Amin, SHut	<ol style="list-style-type: none"> 1. To compare and analyze seedball formulation. 2. To analyze the effectiveness of direct seeding and seedball techniques for recalcitrant, orthodox and cover crop seeds. 3. To analyze survival rate and germination rate of the plants with direct seeding and seedball planting method. 4. To analyze factors influencing the successfulness of direct seeding and seedball planting method at post mining area. 5. To analyze the influence of manure to germination rate of plants with direct seeding planting method. 	Government, scientific community, mining company	<ol style="list-style-type: none"> 1. Materials for determining reclamation method in post mining areas. 2. Suitable and effective plant species to used in the reclamation methods. 3. Inexpensive and efficient methods for reclamation in limestone post mining areas. 	DIPA 2021	PT Solusi Bangun Indonesia Tbk.
9	Micropopagation of <i>Acacia mangium</i> M1 Generation Obtained by Mutation Breeding Technique	Dewi Rahmawati, MSi; Dr. Supriyanto; Aditya Pratama, SHut.	<ol style="list-style-type: none"> 1. To determine whether the seeds of superior <i>A. mangium</i> seeds of M1 generation are sterile or not. 2. To propagate the superior <i>A. mangium</i> M1 generation by using shoot cuttings. 3. To obtain sterilization 	Government, scientific community	1. Superior seeds, sterile <i>in vitro</i> explants and induction techniques for clonal <i>A. mangium</i> propagation, which products can be used for companies and communities.	DIPA 2021	None

			technique and appropriate media compositions for conducting micropropagation technique on <i>A. mangium</i> .				
10	Molecular Profile Characterization of <i>Aspergillus flavus</i> Toxicity	Anidah, SSI, MTP	<ol style="list-style-type: none"> 1. To characterize molecular profile of toxigenic and non-toxigenic <i>A. flavus</i> using twenty-nine genes involved in aflatoxin biosynthesis using PCR method. 2. To validate potential aflatoxin production using HPLC. 3. To explore specific candidate genes between toxigenic and non-toxigenic <i>A. flavus</i> from Indonesia. 	Government, scientific community	1. Database of molecular profiles of toxigenic and non-toxigenic <i>A. flavus</i> based on aflatoxin biosynthesis genes as the basis for developing molecular markers in detecting toxigenic strains of <i>A. flavus</i> in agricultural commodities.	DIPA 2021	None
11	Development of Spatial Decision Support System for Village Based National Rice Production (Phase 2: Developing Spatially-Explicit Dynamics Model of Rice)	Dr Impron MAgrSc; Harry Imantho, MSc; Slamet Widodo Sugiarto MSc; Dr Yudi Setiawan; Oxa Aspera Endiviana, ST; Taufiq Yuliawan, SSI., MSc.	<ol style="list-style-type: none"> 1. To conduct field survey and measure standing crop, dynamics phenological characteristics and soil properties at several rice producer areas in the Northern part of West Java (Indramayu, Pamanukan, Subang, Karawang, Sukabumi and Cianjur). 2. To develop a crop spatially-explicit dynamics model based on finding and generated parameters from research phase 1, including developing submodels for: <ol style="list-style-type: none"> a. growth and development; b. harvest time and yield 	Government, scientific community, farmer	<ol style="list-style-type: none"> 1. Database of rice characteristics, management practices, climatic data and soil/rice field characteristics in the northern part of West Java. 2. A spatially-explicit dynamic model for rice crop monitoring, based on remote sensed data, including: a) crop growth and development; b) harvest time and yield prediction; c) soil water balance; and d) nutrient status. 	DIPA 2021	None

			<p>prediction; c. soil water balance; and d. nutrient status.</p> <p>3. To perform model performance analysis (verification and validation model).</p> <p>4. Develop a computer-based crop spatially-explicit dynamics model.</p>				
12	Improving the Quality of Mycorrhiza Inoculum in SEAMEO BIOTROP: Development of Biomass Production Techniques, Formulation, Storage, Packaging, Infectivity and Effectiveness Test	Risa Rosita, MSi; Dr Irdika Mansur MForSc; Dr Aslan; Deden Dewantara Eris, SSI, MSi.; Aan Darwati SAK.; Panji Dwi Anggoro; Sunardi Ikay	<p>1. To study mycorrhizal spore propagation or production using hydroponic techniques.</p> <p>2. To compare the results of using hydroponic technique with results of using conventional technique.</p> <p>3. To gain a quality AMF inoculum formulation.</p> <p>4. To obtain a proper storage technique for the AMF inoculum.</p> <p>5. To obtain a proper packaging technique for the AMF inoculum.</p> <p>6. To study plant growth response toward the application of biological fertilizers.</p> <p>7. To measure the infectivity and effectiveness effect of the application of biofertilizers for plants.</p>	Government, scientific community, farmer	<p>1. Educational video materials and also learning modules.</p> <p>2. Information regarding the manufacture of Mycorrhizal based biological fertilizers at SEAMEO BIOTROP.</p> <p>3. Co- authoring one research journal between SEAMEO BIOTROP and partner institutions (PPBBI).</p>	DIPA 2021	PPBBI

13	Study on Sengon (<i>Falcataria moluccana</i>) Resistance to Bektor Pest (<i>Xystrocera festiva</i>) and Gall Rust (<i>Uromycladium tepperianum</i>)	Dr Ir Ulfah J. Siregar, MAgr; Dr Ir Sri Hartati MS.	<ol style="list-style-type: none"> 1. To analyze gene expression related to bektor pest resistance and tumor rust using RT- PCR. 2. To develop SNIP markers for Genome- wide association selection (GWAS) on the resistance properties of bektor pests and tumor rust. 3. To identify Open Reading Frames (ORFs) from transcriptomic sequence analysis and BLASTX. 	Government, scientific community, farmer	<ol style="list-style-type: none"> 1. Optimization of the protocol for the expression of multiple gene sequences using RT- PCR. 2. New SNIP markers for selection of resistance properties related to bektor pests and tumor rust. 3. The full length of the expressed genes, especially those related to the resistance of sengon to tumor rust and bektor pests Identification of Open Reading Frames (ORFs) from transcriptomic analyses and BLASTX. 	DIPA 2021	PERHUTANI
14	Identification of Fertility Biomarker Proteins in Sperm of Superior Local Breed Bulls to Support National Cattle Breeding Program	Prof Drh Bambang Purwantara, MSc, PhD; Dr Ir Dedy Duryadi Solihin, DEA; Prof Asep Gunawan, SPT, PhD; Dr Drh Muhammad Agil, MScAgr; Zulfi Nur Amrina Rosyada, SPT, MSi	<ol style="list-style-type: none"> 1. To describe RNA fertility marker gene expression. 2. To accurately determine the potential and the single nucleotide polymorphism from the HSP 70 - 2 (HSP A2), OPN, and PRM-1 as fertility marker. 3. To describe the profiles and interactions of sperm proteins that modulate fertilization. 	Government, scientific community, farmer	<ol style="list-style-type: none"> 1. Accurate information on molecular markers related to bulls' fertility as essential basis for selection and reselection for determining superior bulls. 2. Policy reference in the bulls refusal process used by the Indonesian Center for Artificial Insemination. 3. Preservation of Madura, Bali, Aceh and Ongole crossbred cattle as local Indonesian germplasm. 	DIPA 2021	None
15	Management of Acid Mine Drainage with Floating Treatment Wetlands and Sulfate-Reducing Bacteria (SRB) Enrichment	Dr Ir Irdika Mansur, MForSc; Armaiki Yusmur,	<ol style="list-style-type: none"> 1. To identify the type and amount of organic matter to increase the SRB 	Government, scientific community, mining company	<ol style="list-style-type: none"> 1. New technology for AMD in situ remediation in void. 	DIPA 2021	None

		MSi; Fitri Arum Sekarjannah, SP; Iwan Perala, SHut	<p>population as well as a growing medium for floating plants.</p> <p>2. To obtain potential plant species as AMD phytoremediation agent.</p> <p>3. To obtain the best design and size from floating treatment wetlands for AMD management.</p> <p>4. To analyze the increase in SRB population from sediments of AMD pond.</p> <p>5. To measure the effectiveness of floating treatment wetlands with SRB enrichment for AMD management.</p>		2. Floating treatment wetlands technology with SRB enrichment to improve water quality in voids left by minig operation.		
16	Study on the Use of Solid and Engineered Wood in House-Building Activities to Support Climate Stabilization	Jamaludin Malik, SHut, MT, PhD; Dr Ir Supriyanto; Novitri Hastuti, SHut, MSi, MSc, PhD; Prof Dr Drs Adi Santoso MSi; Deazy Rachmi Trisatya, SHut, MEnvSc; Rudi Dugani, SHut, MSi, PhD; Kuswara, ST, MA	<p>1. To identify wood species, volume and the type of wood products used in the current house construction.</p> <p>2. To calculate the amount of carbon stored in solid wood and engineered wood from house construction.</p> <p>3. To support the continuous use of sustainable, renewable and eco-friendly materials used in house construction.</p>	Government, scientific community, farmer	<p>1. Data and informaion on wood types, volumes and types of processed wood products, both solid and engineered wood used in the current house construction.</p> <p>2. Calculation of carbon stored in wood products.</p> <p>3. Publication in an international reputable scientific journal.</p>	DIPA 2021	None
17	Urbanized Ecosystem Resilience through the Flight of Butterflies	Dr Nurul L. Winarni; Ir Sri Widayanti MSi; Dr Aslan; Bhisma Gusti Anugra SSi; Nurulawati SSi	1. To determine the resilience of butterfly community in different urban gradients by using citizen science approach.	Government, scientific community	1. Output from Component 1: Developing community - driven data collection system: <ul style="list-style-type: none"> Target points for visiting and surveying butterfly 	DIPA 2021	None

			2. To evaluate ecological network of butterfly distribution in urban environment.		<p>community.</p> <ul style="list-style-type: none"> Data on butterfly distributions in Jabodetabek area. <p>2. Output from Component 2: Determine the butterfly community in different urban gradients and evaluate ecological network of butterflies in urban environment:</p> <ul style="list-style-type: none"> Patterns of butterfly community structure in Jabodetabek area. Relationship between butterfly distributions and NDVI. Predicted butterfly distribution. 		
18	Effectiveness of Marine Protected Area in Fish Resources Rehabilitation Based on Microsatellite Study and Larval Dispersal Analysis	Dr Reny Puspasari, MSi; Dr Aslan; Dr Hawis Madduppa, SPi, MSi; Dr Ing Widodo Setiyo Pranowo, ST, MSi; Budi Nugraha, MSi; Rita Rachmawati PhD	<p>1. To analyze individual distribution and population linkages for two targeted species, namely <i>Cephalopholis argus</i> and <i>Epinephelus areolatus</i>.</p> <p>2. To describe dispersal model of eggs and larvae of those two targeted species and to predict the settlement areas and recruitment areas of larvae.</p> <p>3. To develop MPA Network scenario for Pieh Island MPA to maximize their roles in recruiting as the supply for fish resources rehabilitation in the surrounding areas.</p>	Government, scientific community	<p>1. Information on the source population and settlement areas for its larvae that functioned as nursery habitat.</p> <p>2. MPA connectivity based on source and sink population scenario.</p> <p>3. Increased roles of Pieh Island MPA as a recruitment supplier for surrounding waters through developing MPA connectivity based on the resulted scenario.</p>	DIPA 2021	None
19	Assessing the Impacts of Catchment Land-Uses and Coastal Urban Developments on	Dr Yaya Ihya Ulumuddin;	1. To investigate heavy metals and microplastic content in	Government, scientific community	1. Publication-1 titled "Urbanized coastal areas	DIPA 2021	None

	Heavy Metals and Microplastics in Commercial Mangrove Crabs as Measures for Food Safety	Armaiki Yusmur, MSi.; Dr. Aslan; Suratno MSc.; Corry Yanti Manullang, MSi; Suyadi, PhD	<p><i>Scylla</i> spp from at least 15 locations.</p> <p>2. To conduct spatial analysis on land uses where the <i>Scylla</i> spp. are collected.</p> <p>3. To examine the effect of land uses on heavy metal and microplastic accumulation.</p> <p>4. To establish a monitoring site in one of the locations to be a part of monitoring networks.</p>		<p>surrounding mangrove forests increase food safety of <i>Scylla</i> spp.”, to be submitted to Marine Pollution Bulletin.</p> <p>2. Publication-2 titled “Risk assessment of heavy metal accumulation in <i>Scylla</i> spp. to be submitted to Chemistry.</p> <p>3. Long term monitoring sites.</p>		
20	Database, Diversity and Potential Use of Local Clove (<i>Syzygium aromaticum</i> (L) Merr and Perry) in Maluku Island	Dr Asri Subkhan Mahulette, SP, MP; Dr Ir Supriyanto; Jonner Situmorang, MSi; Suyadi, SSi, MSc, PhD; Anggra Alfian, MSi	<p>1. To compile a database of clove varieties, distribution, and ecology in Maluku</p> <p>2. To obtain data on the morphological and agronomic characters of local clove varieties in Maluku</p> <p>3. To analyze the genetic diversity of cloves in Maluku, followed by SSR markers identification.</p> <p>4. To find potential use of local clove varieties in Maluku through analyses of essential oils components</p>	Government, scientific community	<p>1. At least two articles to be submitted to an international reputable Scopus indexed scientific journal (Biotropia).</p> <p>2. Research reports.</p> <p>3. Clove database posted in the website.</p> <p>4. New information on varieties and essential oils of clove.</p> <p>5. Book on Clove Varieties of Maluku Island</p>	DIPA 2021	None
21	Biotransformation of Palm Oil Mill Effluent (POME) into Biofuel by Immobilized Microalgae in A Down Flow Hanging Sponge Reactor (DHS)	Dr Ahmad Shoiful; Dr Ir Ulfah Juniarti Siregar MAg; Dr Eng Lusi Ernawati, ST, MSc; Dr Rozyanti Mohamad;	<p>1. To cultivate and enrich microalgae on a polyurethane spine media in DHS reactor.</p> <p>2. To examine the physical, chemical and biological performance of the microalgae</p>	Government, scientific community, private company	<p>1. Research collaboration with ASEAN-class experts in Biotechnology and Bioenergy.</p> <p>2. Exchange of research experiences.</p>	DIPA 2021	<p>1. Institut Teknologi Kalimantan (ITK)</p> <p>2. Universiti Kuala Lumpur (UniKL)</p> <p>3. Universiti Brunei Darussalam</p>

		<p>Dr Siti Noorain binti Roslan; Dr Sharifah Mariam Sayed Hitam; Dr Rosnah Abdullah</p>	<p>in treating POME. 3. To analyze the environmental implication of the study using Life Cycle Assessment (LCA)</p>		<p>3. Microalgae cultivation in nutrient-rich wastewater for pollutant removal and lipid production.</p> <p>4. Results of environmental sustainability analysis of Downflow Hanging Sponge (DHS) system using microalgae for high strength wastewater.</p> <p>5. Publication in an international reputable scientific journal on these topics:</p> <p>a. Microalgae cultivation in nutrient rich wastewater for pollutant removal and lipid production</p> <p>b. Environmental sustainability analysis of Downflow Hanging Sponge (DHS) system using microalgae for high strength wastewater.</p> <p>6. Data that can support the establishment of industrial scale of the Downflow Hanging Sponge System (DHS).</p> <p>7. DHS technology for wastewater treatment in contributing toward a strong research collaboration between Asian countries, especially Malaysia, Indonesia and Brunei in utilizing the</p>		<p>(UBD)</p>
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					abundant of microalgae growth along China Sea. 8. Alternative in resolving fossil fuel crisis worldwide.		
22	Optimizing Methods for Community Based Sea Cucumber Ranching: A Case Study of <i>Stichopus hermanningii</i> Production in Karimunjawa Islands	Prof Dr Ambariyanto, MSc; Dr Ir Retno Hartati, MSc; Dr Ir Widianingsih, MSc	<ol style="list-style-type: none"> 1. To replicate the culture of <i>H. atra</i> for sea ranching of <i>S. hermanningii</i> using sea pen method. 2. To measure biological, physical, chemical characteristics of the surrounding culture habitat affected by the culture of <i>S. hermanningii</i>. 3. To understand acclimatization process in a new habitat of post-release of <i>S. hermanningii</i>. 4. To measure the performance (growth and survival rate) of <i>S. hermanningii</i> in sea ranching habitat. 5. To engage and cooperate with local communities in regards to sea cucumber culture to perform community-based sea cucumber ranching. 6. To undertake the capacity building for coastal community for sea cucumber culture. 7. To increase the income of the coastal community. 	Government, scientific community, private company	<ol style="list-style-type: none"> 1. New habitat for sea cucumber culture. 2. Performance of stocked sea cucumber in sea ranching location. 3. Publication in national/international seminar/integrated coastal management seminar with tentative title: preliminary trial of community based sea ranching of sea cucumber: social aspect. 4. Publication in an international reputable scientific journal with tentative title: Changing in benthic organisms regarding with stocking of <i>S. hermanningii</i>. 	DIPA 2021	None

			8. To raise the conservation awareness of the coastal community.				
23	Utilization of Metabarcoding E-DNA as a Variable for Evaluation of Mangrove Ecosystem Conditions in North Sumatera and Aceh	Mohammad Basyuni, SHut, MSi, PhD; Dr Arida Susilowati, SHut, MSi; Ipana Enggar Susetya, SKel, MSi	<ol style="list-style-type: none"> 1. To screen community and mangrove zoning in North Sumatera (Langkat) and Langsa (Aceh) using the MiFish universal primer. 2. To identify interspecific variations analysis of mangrove species in North Sumatera and Aceh. 3. To formulate genetic and ecological-based conservation strategies for mangroves in North Sumatera. 	Government, scientific community	<ol style="list-style-type: none"> 1. Data and information on mangrove communities in North Sumatera and Aceh. 2. Data and information on interspecific variations of mangrove species in North Sumatera and Aceh. 3. Database on mangrove species to be used by stakeholders in managing mangroves in Indonesia. 4. Publication in an international reputable scientific journal. 	DIPA 2021	None
24	Study of Superior Tropical Fruits for the Development and Empowerment of Agricultural Vocational High Schools in Indonesia: Development of Derivative Product from Fruit and Vegetable in Partner Vocational High Schools in Central Java, East Java, and Bali	Dr Ir Supriyanto	<p>Long-term goals of the SMARTS BE Program Toward the Transformation of Creativity and Innovation of Alternative Technology (KITA) Digital Home:</p> <ol style="list-style-type: none"> 1. To improve the competence, creativity and innovation of educators, education staff and students in the agricultural sector in Indonesia and Southeast Asia. 2. To provide various products based on creativity and innovation of alternative technology (KITA) <p>Specific objectives of the 2021 activities are:</p>	SMARTS-BE Partner Vocational High Schools (Education Office of Province)	<ol style="list-style-type: none"> 1. SMARTS-BE workshop on KITA Digital Home. 2. Advanced research and technical guidance on selected SMARTS-BE Partner VHS. 3. IoT greenhouse. 4. Derivative products from fruit (Puree). 5. Smart monitoring system application. 6. Training courses on: <ol style="list-style-type: none"> a. Puree technology. b. IoT greenhouse. 7. Information Dissemination: <ol style="list-style-type: none"> a. SMARTS-BE Talk 	DIPA 2021	

			<ol style="list-style-type: none"> 1. To conduct research and technical guidance with partner VHS (VHS 2 Slawi, VHS 1 Kalibagor, VHS 1 Bawen, VHS 1 Temanggung, VHS 1 Salam, VHS 1 Tulungagung, VHS 1 Nganjuk, VHS 5 Jember, VHS PP Tegalampel, and VHS 1 Badung) for fruit production and handling post-harvest and processed product plans. 2. To conduct training courses on Puree technology and IoT greenhouse. 3. To conduct dissemination of knowledge and information through Webinar SMARTS-BE TALK SERIES (9 times) and by producing books, leaflets, learning videos, etc. 		<p>Series.</p> <ol style="list-style-type: none"> b. Success indicators for the selection of 10 model schools. c. Inclusion of SMARTS-BE Guidelines in the school's curriculum. d. Roadmap document. e. Technical guidance for model schools. f. Capacity building for underdeveloped vocational high schools. 		
25	Study of Superior Tropical Fruits for the Development and Empowerment of Agricultural Vocational High Schools in Indonesia: Development of Derivative Product from Fruit and Vegetable in Partner Vocational High Schools in Aceh, Bangka Belitung, South Sumatera, and Lampung	Dr Ir Dwi Putro Tejo Baskoro, MSc	<p>General objective:</p> <p>To implement the empowerment programs and capacity building for agricultural vocational high schools through the development of superior tropical fruits.</p> <p>Specific objectives:</p> <ol style="list-style-type: none"> 1. To apply expert system in the development of intensive fruit orchards 	SMARTS-BE Partner Vocational High Schools (Education Office of Province)	<ol style="list-style-type: none"> 1. Best agricultural practices technology packages for specific location of superior fruit crops. 2. Professionals/skilled personnels in managing fruit orchards. 3. Fruit certification for modern market. 4. Professional staff in 	DIPA 2021	

			<p>based on Best Agricultural Practices (BAP).</p> <ol style="list-style-type: none"> 2. To develop derivative fruit products based on independent production. 3. To conduct training course and certification on post-harvest fruit handling for selected fruit with topic: <ul style="list-style-type: none"> • Training and technical guidance for the development of derivative products from fruit industry. 		<p>producing various derivative products from fruit.</p> <ol style="list-style-type: none"> 5. Various derivative products from tropical fruit in every vocational high schools. 		
26	<p>Study of Superior Tropical Fruits for Development and Empowerment of Agricultural Vocational High Schools in Indonesia: Development of Derivative Product from Fruit and Vegetable in Partner Vocational High Schools in West Nusa Tenggara and West Java</p>	<p>Dr Ir Omo Rusdiana, MSc</p>	<p>Long-term goals of the SMARTS BE Program Toward the Transformation of Creativity and Innovation of Alternative Technology (KITA) Digital Home:</p> <ol style="list-style-type: none"> 1. To improve the competence, creativity and innovation of educators, education staff and students in the agricultural sector in Indonesia and Southeast Asia. 2. To provide various products based on creativity and innovation of alternative technology (KITA) <p>The specific objectives of the 2021 activities are:</p> <ol style="list-style-type: none"> 1. To conduct research and technical guidance with 	<p>SMARTS-BE Partner Vocational High Schools (Education Office of Province)</p>	<ol style="list-style-type: none"> 1. SMARTS-BE workshop on KITA Digital Home. 2. Advanced research and technical guidance on selected SMARTS-BE Partner VHS. 3. IoT greenhouse. 4. Derivative products from fruit (Puree). 5. Smart monitoring system application. 6. Training courses on: <ol style="list-style-type: none"> a. Puree technology. b. IoT greenhouse. 7. Information Dissemination: <ol style="list-style-type: none"> a. SMARTS-BE Talk Series. b. Success 	<p>DIPA 2021</p>	

			<p>partner VHS (VHS 1 Cibadak, VHS 1 Pacet dan VHS PPN Mataram) and to improve the health of fruit crops in SMARTS-BE Partner Vocational High Schools in West Nusa Tenggara and West Java (VHS 2 Subang, VHS 1 Cibadak, VHS 1 Pacet, VHS PPN Mataram and VHS 1 Bayan in Mataram).</p> <p>2. To conduct training courses on Puree technology and IoT greenhouse.</p> <p>3. Information dissemination.</p>		<p>indicators for the selection of 10 model schools.</p> <p>c. Inclusion of SMARTS-BE Guidelines in the school's curriculum.</p> <p>d. Roadmap document.</p> <p>e. Technical guidance for model schools.</p> <p>f. Capacity building for underdeveloped vocational high schools.</p>	
27	Study of Superior Tropical Fruits for The Development and Empowerment of Agricultural Vocational High Schools in Indonesia: Development of Derivative Product from Fruit and Vegetable in Partner Vocational High Schools in West Java and DKI Jakarta	Surapati, SP	<p>General objective:</p> <p>To implement the empowerment programs and capacity building for agricultural vocational high schools through the development of derivative products from fruits and vegetables.</p> <p>The specific objectives are:</p> <p>1. To increase the growth and development of fruit crops planted in 2018, through an intensive optimization for fruit crops growth program by doing good maintenance referring to BAP (Best Agricultural Practice).</p> <p>2. To improve plant health</p>	SMARTS-BE Partner Vocational High Schools (Education Office of Province)	<p>1. Production of fruit and vegetable crops throughout the seasons to be processed into various agricultural derivative products.</p> <p>2. Alternative technology packages for processing agricultural derivative products from fruits and vegetable crops.</p> <p>3. SOP and videos on the manufacture of fruit crops to support the digitization of learning activities in schools.</p> <p>4. Technical guidance activities in SMARTS-BE partner schools to realize vocational high</p>	DIPA 2021

		<p>for supporting fruit crops productivity throughout the season according with BAP (Best Agricultural Practice) system.</p> <ol style="list-style-type: none"> 3. To manufacture derivative products from superior fruits and vegetables to increase added value of agricultural products in SMARTS-Be Partner Vocational High Schools Region IV (VHS 57 Jakarta, VHS 63 Jakarta, VHS 1 Kemang Bogor and VHS 4 Bogor). 4. To develop derivative products from fruits and vegetables such as sticks, chips, perfume, puree, jam, syrup, and other products. 5. To develop a circular economy based on organic waste. 6. To develop and improve the curriculum for increasing the competence of educators, education staffs and students. 7. To improve competence, creativity and innovation of educators, education staffs and students in Indonesia and Southeast Asia in the agricultural sector. 		<p>school graduates who are accepted in the business and industrial worlds.</p> <ol style="list-style-type: none"> 5. Professional/skilled personnel in the field of processing agricultural derivative products from fruits and vegetables. 6. Agricultural derivative products to be sold in the offline and online markets, as the forerunner to realize the SMARTS-BE marketplace. 7. The emergence of young entrepreneurs (school-age) based on fruit and vegetables crop commodities developed in VHS. 8. Cleaner environment which provides benefits for students and crops with the existence of waste-based circular economy activities in schools. 9. Various kinds of waste processed products that can support the improvement of school environment, growth and development of crops in schools. 10. Online Hybrid Learning System (OHLS) for producing agricultural 		
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			8. To produce various products based on creativity and alternative technology innovation.		derivative products. 11. A model school based on STEM MM. 12. Student entrepreneur.		
28	Smart System Development for SMARTS-BE Program: "Integration of Monitoring System Based on Geolocation and Expert System for the Diagnostics of Plant Pests and Diseases"	Slamet Widodo Sugiarto	<ol style="list-style-type: none"> 1. To develop and integrate applications based on web and mobile systems for monitoring based on geolocation and expert system for the diagnostics of plant pests and diseases. 2. To design a distance learning application model based on Project Based Learning (PBL) and Problem Based Learning (PBL). 	SMARTS-BE Partner Vocational High Schools (Provincial Office of Education)	<ol style="list-style-type: none"> 1. Improved knowledge, ability and competence of educators and students in utilizing distance learning technology to support the success of the SMARTS BE program. 2. Improved adaptation of educators and students in implementing distance learning models to increase resilience toward anomalous conditions in the learning process. 	DIPA 2021	
29	Smart Hydro-Aquaponic (Hypo) using Internet of Things (IoT) Powered by Hybrid Solar System	Dr Ayi Rahmat, SPi, MSi	<ol style="list-style-type: none"> 1. To ensure continuous production of hydroponic plants through automation of instruments that accurately measure the required parameters. 2. To remotely monitor and control the hydroponic system in plant cultivation. 	SMARTS-BE Partner Vocational High Schools (Education Office of Province)	<ol style="list-style-type: none"> 1. Plant growth data as a result of automation and remote monitoring and control systems. 2. Publication in an international reputable scientific Scopus indexed journal. 3. Intellectual property rights (IPR) for 	DIPA 2021	

			<p>3. To develop SEAMEO BIOTROP as a center for superior hydroponic cultivation technology based on the Internet of Things for decision support systems.</p>		<p>instrumentation and control systems supported by hybrid solar systems (solar + grid) for optimal growth with IoT Technology.</p> <p>4. Renewable energy and hydroponic plant growth monitoring systems using the internet as an implementation of technology 4.0.</p> <p>5. Optimal production of the hydroponic cultivation system.</p> <p>6. Monitoring system that can be replicated by hydroponic farmers.</p>		
30	Process of Making Extract, Concentrate and Powder Drink from Lemon Var. California	Elvina Agustin Rahayu, MP	<p>1. To overcome the over-supply of lemon production.</p> <p>2. To obtain the best method for obtaining processed lemon var. california products according to the characteristics contained in the food category.</p> <p>3. To maintain the important components of the product by using a simple and efficient method so that it can be applied in the vocational high school environment.</p>	SMARTS-BE Partner Vocational High Schools (Education Office of Province)	<p>1. SOP for making powdered drinks from lemon var california juice extract with consistent nutritional content, following Government regulation on food products.</p>	DIPA 2021	

On-Going Research Projects from PhD Thesis Support Grantees

No.	Title of Research Projects	Researcher/s	Objective(s)	Target Beneficiaries	Output and Impacts Produced	Funding Sources	Partners
1	Systematic Evidence Evaluation on Industry 4.0 Digital Technologies in Indonesian Food and Agricultural Sector and Its Implication on Pre- and Post-Covid-19 Pandemic	Silvia Uthari Nuzaverra Mayang Mangurai, MSi; Dr. Achmad Solikhin, SHut; Eti Artiningsih Octaviani, SHut, MSi; Anidah, SSi, MTP	<ol style="list-style-type: none"> 1. To investigate all studies and applications of industry 4.0 digital technologies in Indonesian food and agricultural sector (livestock, crops, fishery, and forestry). 2. To provide research and industry mapping of the utilization of digital technologies 4.0 in food and agriculture sector. 3. To identify the gaps occurrences between research and industry in regards to food and agriculture studies and industrial applications, and the implications of the use of digital technologies 4.0 during the Covid-19 pandemic. 	Government, scientific community	<ol style="list-style-type: none"> 1. Updated information/data. 2. Identification of agritech industries/startups. 3. Recommendations for digital technologies 4.0 policy. 	DIPA 2021	None

On-Going Research Projects from School Garden Teacher

No.	Title of Research Projects	Researcher/s	Objective(s)	Target Beneficiaries	Output and Impacts Produced	Funding Sources	Partners
1	Formulation of Liquid Organic Waste to Increase the Resistance of Shallots (<i>Allium ascalanicum</i> L.) from <i>Fusarium</i> Wilt Disease	Mariani, SP, MSi; Sugiarta; Siti Aminah	To determine the formulation of liquid organic waste which can increase the resistance of shallots (<i>Allium ascalanicum</i> L.) from <i>Fusarium</i> wilt disease.	Government, scientific community	1. Formulation of liquid organic waste that can increase the resistance of shallots (<i>Allium ascalanicum</i> L.) from <i>Fusarium</i> wilt disease.	DIPA 2021	None
2	Establishment of Green Integrative Models As A Promotion Media of Biodiversity, Food And Nutrition Sustainable for Students in Kota Kinabalu Indonesian School	Nayudin Hanif, SPd, Gr; Dr Supriyanto, DEA; Susmin Ito, SPd, Gr; Siti Fatimah, SPd, Gr; Ahmad Arif Febriyanto, SPd, Gr; Endang Sari P. Nababan, SPd, Gr; Rangga Bhakty Iskandar, SPd, Gr	<ol style="list-style-type: none"> 1. To prepare an integrated GREEN (Garden Resources, Education, and Environment Nexus) Model as learning media. 2. To promote biodiversity and processed foods. 3. To provide knowledge on sustainable nutritional content in schools. 	Government, scientific community	<ol style="list-style-type: none"> 1. Integrated GREEN Model as learning media 2. Media to promote biodiversity and processed food. 3. Knowledge on sustainable nutritional content. 4. Collaborative projects through Project-Based Learning. 	DIPA 2021	None
3	Making Simple Distillation Equipment Prototypes in Essential Oil Business Development at Agricultural Vocational High School	Anas, SAg, MA; Roynisfan, SPd, MPd; Abdul Kadir	To create a simple distillation equipment that can be made by students for practicing agricultural-based oil refining	Government, scientific community	A simple distillation equipment for extracting essential oil.	DIPA 2021	None
4	Utilization of Kelor Leaves for the Making of Environmentally Friendly Liquid Handwashing in the Era of Pandemic Covid 19 in SMA Negeri 2 Padalarang	Yulvianah, SPd; Elsa Mahardika	<ol style="list-style-type: none"> 1. To determine the antibacterial activity of Moringa leaf extract against <i>Staphylococcus aureus</i> bacteria, and other types of bacteria. 2. To determine the most appropriate concentration 	Government, scientific community	<ol style="list-style-type: none"> 1. Natural antibacterial liquid hand soap containing the extract of Moringa leaves. 2. Students' innovations. 	DIPA 2021	None

			<p>of Moringa leaf extract having the greatest inhibitory power, especially against <i>Staphylococcus aureus</i> bacteria, and other types of bacteria.</p> <p>3. To compare growth inhibition of <i>Staphylococcus aureus</i> (v/v%) on the maceration concentration of moringa leaves with growth inhibition of <i>Staphylococcus aureus</i> bacteria (v/v%) after being treated by liquid hand soap without Moringa leaves.</p> <p>4. To foster the students' creativity in creating designs, methods, and installation prototypes for making hand soap made from moringa leaves that are inexpensive and safe for the body and the environment.</p>				
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Completed National Research Projects from In-House Researchers and Partner Agencies

No.	Title of Research Projects	Researcher/s	Objective(s)	Target Beneficiaries	Output and Impacts Produced from Previous Years	Funding Sources	Partners
1	Biological Studies of <i>Chimonobambusa quadrangularis</i> , an Exploration of Its Potential Consumable Young Shoot	Dr Sri S. Tjitrosoedirdjo, MSc; Dr. Soekisman Tjitrosemito, MSc;	<p>1. To study the habitus of <i>C. quadrangularis</i> in field.</p> <p>2. To study the vegetative reproduction of <i>C. quadrangularis</i> by rhizome and stem cutting.</p>	Scientific community, government institutions, private and local communities	<p>1. Knowledge on the habitus of <i>C. quadrangularis</i>.</p> <p>2. Knowledge on the capability of the rhizome of <i>C. quadrangularis</i> in spreading the culms.</p>	DIPA 2020	GGNP (Gunung Gede Pangrango National Park), Cibodas section, Mandalawangi Resort

		Indah Wahyuni, MSi; Saiful Bachri, SSI.	3. To study the potential of the bamboo shoot as edible vegetable.		3. Knowledge on the nutrition contents and how to produce the bamboo shoots of <i>C. quadrangularis</i> .		
2	Powder formulation of yeast to control Ochratoxin-A (OTA) producing fungus in Arabica coffee	Prof Dr Okky Setyawati Dharmaputra; Ir Ina Retnowati; Santi Ambarwati, MSi.; Nijma Nurfadila, SSI	1. To test some carrier materials and additives on the survival of yeast <i>C. krusei</i> BIO 211287. 2. To test the effect of powder formulation in combination of yeast, carrier materials and additives on OTA production and the taste of Arabica coffee processed using semi-wet method.	Farmers, exporters, entrepreneurs	1. Inexpensive carrier materials to ensure long time survival and bio performance of <i>C. krusei</i> BIO 211287. 2. Powder formulation as a combination of yeast, carrier materials and additives to control OTA production and increased taste of Arabica coffee processed using semi-wet method.	DIPA 2020	None
3	Integration of Oil Palm Plants with Cows to Increase Farmers' Income through Utilization of Palm Oil Waste and Manure and Intercropping	Prof Dr Ir M. Winugroho, MSc, APU; Prof Dr Ir Ika Mariska Soedharma, DEA, APU; Dr Ir Yeni Widiawati; Drs Sajimin; Ari Kusumaningrum; Siska Pratiwi	1. To evaluate the nutritional value of complete cattle feed made from the upper part of oil palm trunk as cattle feed for breeding and fattening cattle. 2. To evaluate the nutritional value and active ingredients of <i>Mentha arvensis</i> L plants as a source of feed additives and cosmetics/sanitary medicine. 3. To build an integrated system of cattle farming and oil palm plantations during the replanting period by implementing a complete cattle feed based on oil palm waste and the use of <i>Mentha</i> plants. 4. To increase the income of oil palm farmers.	Scientific community, government institutions, local communities, farmers, and private companies	1. Ration composition for fattening Bali cattle based on feed sources from replanting areas of smallholder farmers of oil palm plantations. 2. Propagation and productivity of <i>Mentha arvensis</i> L plants. 3. Integrated system of cattle farming and oil palm plantation during the replanting period by implementing a complete feed based on oil palm stems and the use of <i>Mentha</i> plants. 4. Increased income of oil palm farmers.	DIPA 2020	None
4	Stored-Product Insect Infestation on Rice: Analysis of Economic Losses and Development of Fumigation Protocol to Manage Resistant Strain <i>Cryptolestes</i> spp. (Coleoptera: Laemophloeidae) in Rice Storage Facilities	Dr Idham S. Harahap; Ir Sri Widayanti, MSi; Trijanti A. Widinni A, SP, MSi; Herni Widhiastuti, SSI	1. To study the effects of initial level of stored-product insect population and storage period against population growth and losses in rice. 2. To find out the level of phosphine resistance in <i>Cryptolestes</i> sp. collected from various locations in Indonesia. 3. To develop specific fumigation	Farmers, local traders, distributors at the national level, to government-owned institutions such as BULOG	1. Determined grains loss threshold of rice due to stored-product insect attack during storage. 2. Specific or appropriate phosphine fumigation protocols to overcome the resistant strains of <i>Cryptolestes</i> spp. in Indonesia.	DIPA 2020	None

			protocol to overcome existing resistant strains of <i>Cryptolestes</i> sp. in Indonesia.				
5	Technology Endophytic Bacteria for Healthy Seedling and Plant Health Improvement of Pepper	Dr Abdul Munif; Dr Gusmaini, MSi; Dr Elis Nina Herliyana, MSi	<ol style="list-style-type: none"> 1. To develop technology by using endophytic bacteria as bioinoculants for producing healthy pepper seedlings. 2. To develop technology for multiplying and formulating endophytic bacteria as a driver of growth and health of pepper plants. 3. To develop application technology for utilizing biopesticides of endophytic bacteria to control yellowing disease in pepper. 4. To evaluate the stability and growth of endophytic bacterial preformulations in several carriers/formula. 	Scientific community, government institutions, local communities	<ol style="list-style-type: none"> 1. Healthy pepper seedlings resulted from the application of endophytic bacteria technology. 2. Endophytic bacterial formulations supporting the control and management of plant diseases on pepper. 3. Effective endophytic bacterial formulations in supporting the health of pepper seedlings for increasing the success of harvesting pepper plants in the field. 	DIPA 2020	None
6	Development of Ecosystem Health Indexes in Indonesia (3 rd Year)	Prof Dr Ir Arief Sabdo Yuwono, MSc; Prof Dr Ir Yusli Wardiatno, MSc; Dr Rahayu Widyastuti, MSc; Dr Dewi Wulandari	<ol style="list-style-type: none"> 1. To formulate a quantitative approach to ecosystem health assessment systems as the basis for national environmental management policy making. 2. To compile a single index representing the health of the ecosystem, including aquatic, terrestrial, and artificial ecosystems using a quantitative approach. 	Scientific community, government institutions, private and local communities	<ol style="list-style-type: none"> 1. The compile ecosystem health index including aquatic, terrestrial and artificial ecosystems that can be applied in Indonesia. 2. Publication in an international reputable scientific journal. 3. Software. especially (electronic spreadsheet) and its guide on ecosystem health assessment using a quantitative approach. 4. An ecosystem health assessment system by implementing the health index uniformly in the national level. 	DIPA 2020	Ministry of Environment and Forestry, Ministry of Marine Affairs and Fisheries
7	The use of watermelon rind as functional fish feed ingredient for <i>Cherax quadricarinatus</i>	Dr Ichsan Akhmad Fauzi; Shella Marlinda, MSi; Yana	To evaluate fish feed containing watermelon pulp to increase the availability of arginine and growth performance of <i>Cherax quadricarinatus</i>	Crayfish farmers, aqua feed manufacturers	<ol style="list-style-type: none"> 1. Publication in a reputable national journal and an international reputable scientific Scopus indexed journal. 	DIPA 2020	None

8	Application of Selected Microbe and Modified Organic Soil Amendment into Selected Plant Species to Restore Degraded Karst Area, in Imogiri, Yogyakarta	Dr Dewi Wulandari; Prof Dr Cahyono Agus; Dr Ahdia F. Maulana; Dr Nur Aini Iswati Hasanah; Rozy Wahyudi; Sunardi Ikay	<ol style="list-style-type: none"> 1. To perceive the connection and effect of aboveground vegetation, edaphic property, and soil microbiome in karst rocky desertification; 2. To investigate the effect of modified soil amendment on plant growth performance when growing with and without pot organic in karst field. 	Scientific community, government institutions, local communities	<ol style="list-style-type: none"> 1. Knowledge for solving problems of karst, particularly to get the connection between the aboveground vegetation, the edaphic property, and the soil microbiome in karst rocky desertification and how they affect each other and how they work together to suppress the drought condition in karst. 2. Recommendation of utilization of pot organic to face water scarcity and nutrient loss in karst for plant survival. 	DIPA 2020	None
9	Development of Nano-Encapsulation of Mint Oil as Fumigant for Controlling Stored-Product Insect Pest <i>Tribolium castaneum</i>	Dr Sri Yuliani; Ir Sri Widayanti, MSi; Trijanti A. Widinni A., SP, MSi; Herni Widhiastuti, SSi; Kendri Wahyuningsih, SSi, MSi	<ol style="list-style-type: none"> 1. To develop appropriate technique in forming mint oil nano-encapsulation as biofumigan. 2. To generate a mint oil-based nano-encapsulation fumigant formulation. 3. To evaluate the toxicity of mint oil-based nano-encapsulation fumigant against <i>T. castaneum</i>. 	Pest control, households	Nano-encapsulation of mint oil as biofumigant for controlling stored-product insect pest <i>T. castaneum</i>	DIPA 2020	Indonesian Center for Agricultural Postharvest Research and Development
10	Development of Spatial Decision Support System for Village-Based National Rice Production (Phase 1: Developing Baseline of Spatially-Explicit Dynamic Model)	Dr Impron MAgSc; Dr Yudi Setiawan; Harry Imantho, MSc; Oxa Aspera Endiviana, ST; Slamet Widodo Sugiarto, SSi; Taufiq Yuliawan, MSc	<ol style="list-style-type: none"> 1. To identify paddy plantation in terms of variety, age and health levels based on spectral signature reflectances of the paddy (1st year). 2. To develop a baseline rice growth and development model (1st, 2nd year). 3. To build a spatial-explicit dynamic model, in order to get data on growth, yield, water balance, nutrient status and pest and disease (1st, 2nd year). 4. To build a model to determine DSS for precision crop and field management, such as crop and field management, fertilizer management, water management, pest and disease management, CSA (Climate Smart Agriculture), adaptation/mitigation option and GHG (Greenhouse Gas) 	Scientific community, government institutions, local community, farmer and private company	<p>Phase 1:</p> <ol style="list-style-type: none"> 1. Empirical formulas representing spatio-temporal relationships among signature reflectances with growth and development stages, macro nutritional and health status of rice. 2. Baseline of spatially explicit dynamic model. 3. Spatial decision support system for village-based national rice production (SIPANAS). <p>Phase 2:</p> <ol style="list-style-type: none"> 1. Validated spatially-explicit dynamic model with DSS capability to support crop and field management. <p>Phase 3:</p> <ol style="list-style-type: none"> 1. SIPANAS, a web-GIS and mobile 	DIPA 2020	None

			inventory) (2 nd year). 5. To develop an information system for delivering information to each stakeholder from government level to farmer groups level (3 rd year).		applications platform which integrates spatially-explicit dynamic model and DSS for precision crop and field management.		
11	The Application of Dark Septate Endophytic Fungi (DSE) to Promote Rice Production in Acidic Stress Conditions in Kalimantan Swamp Land	Dr Surono, SP, MAgr; Dr Wahida Annisa, MSc; Dr Erny Yuniarti, SSI, MSi; Dr Dwi Ningsih Susilowati, STP, MSi; Dr Bonny PW Soekarno, MS; Ir Nurjaya, MP; Ir Yadi Suryadi, MSc; Makruffiana Wijayanti, SSI; Dila Aksani, SP, MSc	1. To obtain information on the ecological roles of the symbiotic relationship between DSE fungi and rice plant under acidic stress conditions in study site. 2. To obtain DSE biofertilizer formula based on field trial that have function as rice growth promoter in swamp soil with very high acidity conditions.	Scientific community, government institutions, local communities, farmers and private companies	1. Information on DSE diversity in the tropics area, especially in Indonesia.	DIPA 2020	None
12	Collection of Reproductive Materials of Ebony (<i>Diospyros celebica</i>) Based on Genetic Information	Prof Dr Ir Iskandar Z. Siregar, MForSc; Dr Ir Prijanto Pamoengkas, MScFTrop; Muhammad Majiidu, SHut	1. To analyze the characteristics of ebony in various natural forest populations in Sulawesi using microsatellite markers.	Scientific community, government institutions, local communities, farmers and private companies	1. Genetic data and information on ebony population based on microsatellite markers.	DIPA 2020	None
13	Propagation of Eha (<i>Castanopsis buruana</i> Miq.), in Supporting the Development of Plantation Forest in Sulawesi	Prof Dr Ir Husna, MP; Dr Faisal Danu Tuheteru, SHut, MSi; Dr Basrudin, SP, MSi; Asrianti Arif, SP, MSi	1. To assess the growth success of Eha natural seedlings using different treatments of media and seedlings height without and with lid. 2. To assess the success germination of Eha seed treated with scarification and soaking. 3. To assess the success of Eha shoot cuttings.	Scientific community, government institutions, local communities	1. Vegetative propagation technique of <i>C. buruana</i> to support Eha trees domestication and Eha forest development in Sulawesi 2. Guidelines for producing Eha seedlings for farmers in Sulawesi.	DIPA 2020	None

			4. To assess the success of Eha stem cuttings and air layering affected by Rootone-F.				
14	Genetic Diversity and Structure Analysis of Sipuncula in Banda Islands	Dr Majariana Krisanti, SPi, MSi; Ennis Wian Erliani, SPi	<ol style="list-style-type: none"> 1. To identify the distribution and diversity pattern of Sipuncula. 2. To identify the functional groups of Sipuncula in intertidal area. 3. To describe the structure (types/genus, habit) of Sipuncula found in Banda Islands. 4. To determine the value of genetic variability of Sipuncula in Banda Islands. 	Scientific community, local communities	1. Data and Information on species classification and genetic diversity of Sipuncula recorded in Banda Naira, Central Maluku Regency.	DIPA 2020	None
15	Genotyping Sengon (<i>Falcataria moluccana</i>) Resistant to Bektor Pest (<i>Xystrocera festiva</i>) and Gall Rust Disease (<i>Uromycladium falcatarium</i>) using Genomics Data	Dr Ulfah Juniarti Siregar; Dr Ir Sri Hartati MS	<ol style="list-style-type: none"> 1. To evaluate sengon inheritance pattern of resistance to stem borer pest (<i>Xystrocera festiva</i>) and gall rust disease (<i>Uromycladium falcatarium</i>) in a progeny test. 2. To conduct phenotyping and genotyping on sengon progenies which are resistance to pest and diseases using microsatellites from transcriptomic sequence data. 3. To obtain sengon clone/family that is resistant to bektor pests and gall rust disease to be registered as a new variety, and as a forerunner to the establishment of a superior sengon seed plantation. 	Scientific community, government institutions, local communities, farmers and private companies	<ol style="list-style-type: none"> 1. Optimized protocols for expression of some microsatellite-related gene(s) by using RT-PCR. 2. New SNIP markers for sengon resistant accessions against pests and diseases. 3. New sengon clone/family that is resistant to bektor pests and gall rust disease. 4. Publication in an international reputable scientific journal. 	DIPA 2020	None
16	Increasing the Added Value of StyraX Essential Oil through Innovation of Personal Care and Beauty Products	Dr Aswandi, SHut, MSi; Cut Rizlani Kholibrina, SHut, MSi; Dr Supriyanto	<ol style="list-style-type: none"> 1. To standardize StyraX harvesting and storage techniques. 2. To determine StyraX resin quality. 3. To identify macro-organic and micro-incense resin organic content. 	Scientific community, government institutions, local communities, farmers and private companies	<ol style="list-style-type: none"> 1. Publication in national and international reputable scientific journals. 2. Intellectual property rights in the form of simple patents, copyrights and prototype models. 	DIPA 2020	Center of Biopharmaca Laboratory, Institut Pertanian Bogor

			<ol style="list-style-type: none"> 4. To obtain information on refining technology for optimizing yields of incense oil and superior phytochemical content. 5. To identify the physical-chemical characterization of crude incense oil and refined oil incense. 6. To apply incense oil in the development of soap, lotion, perfume and other herbal beauty ingredients. 7. To determine safety standardization (clinical trial) of the produced herbal/organic products. 				
17	Floating Garden for Acid Mine Drainage Treatment	Armaiki Yusmur, MSI; Indah Wahyuni, MSI; Saiful Bahri, SSI	<ol style="list-style-type: none"> 1. To create a floating garden planting media. 2. To measure the improvements of water quality parameters from the floating garden system. 3. To design and implement a floating garden for the management of acid mine drainage in the mine pond. 	Scientific community, government institutions, local communities, farmers, private companies and mining practitioners	<ol style="list-style-type: none"> 1. Floating garden technology and design appropriate for pit lake management. 2. Collaboration projects with industries based on agricultural and mining technology. 3. Dissemination of floating garden technology. 	DIPA 2020	None
18	Study of Superior Tropical Fruits for the Development and Empowerment of Agricultural Vocational High Schools in Indonesia: Improving Plant Health to Support Seasonal Fruit Productivity in Partner Vocational High Schools in Central Java, East Java, and Bali	Dr Supriyanto	<ol style="list-style-type: none"> 1. To improve the health of fruit crops in the SMARTS-BE Partner Vocational High Schools in Central Java, East Java and Bali. 2. To collect data on plant growth and fruit production from fruit orchards planted in 2018. 3. To obtain technology for controlling fruit fly and aphid. 4. To produce degreening technique for citrus fruit. 5. To obtain liquid organic fertilizer 	SMARTS-BE Partner Vocational High Schools (Provincial Office of Education)	<ol style="list-style-type: none"> 1. Healthy fruit crops that are free from pests and diseases in every orchard of SMARTS-BE Partner Vocational High Schools in Central Java, East Java and Bali. 2. Productive plants in every orchard of SMARTS-BE Partner Vocational High Schools through maintenance of superior fruit crops (fertilization, liming, use of ZPT). 3. Fruit fly control technology on oranges and guavas var crystal and other commodities. 	DIPA	

			technology with eco-enzyme technique.		<ol style="list-style-type: none"> 4. Degreening technology for citrus and bananas. 5. Technology for making liquid organic fertilizer with eco-enzyme technique. 		
19	Study of Superior Tropical Fruits for the Development and Empowerment of Agricultural Vocational High Schools in Indonesia: Improving Plant Health to Support Seasonal Fruit Productivity in Partner Vocational High Schools in Aceh, Riau, Bangka Belitung, South Sumatera, and Lampung	Dr Dwi Putro Tejo Baskoro, MSc	<ol style="list-style-type: none"> 1. To implement land management based on Best Agricultural Practices for improving soil and environmental health. 2. To implement integrated pest control for ensuring plant health. 3. To organize expert system training course on intensive fruit orchard development. 4. To Implement expert system in intensive fruit orchard development based on Best Agricultural Practices. 	SMARTS-BE Partner Vocational High Schools (Provincial Office of Education)	<ol style="list-style-type: none"> 1. Best Agricultural Practices technology packages for superior fruit crops. 2. Established superior fruit orchards with good environmental and production qualities. 3. Professionals/skilled personnel in managing fruit orchards. 4. Professionals/skilled personnel in managing fruit orchards, fruit certification for modern markets in disaster-affected vocational high schools. 	DIPA	
20	Study of Superior Tropical Fruits for the Development and Empowerment of Agricultural Vocational High Schools in Indonesia: Improving Plant Health to Support Seasonal Fruit Productivity in Partner Vocational High Schools in West Nusa Tenggara and West Java	Dr Ir Omo Rusdiana, MSc	<ol style="list-style-type: none"> 1. To improve the health of fruit crops in SMARTS-BE Partner Vocational High Schools Region IV. 2. To collect data on plant growth and fruit production from fruit orchards planted in 2018. 	SMARTS-BE Partner Vocational High Schools (Provincial Office of Education)	<ol style="list-style-type: none"> 1. Healthy fruit crops that are free from pests and diseases in every orchard of SMARTS-BE Partner Vocational High Schools (VHS 6 Masni, VHS 2 Mimika, VHS PP Mataram, VHS 1 Waibakul, VHS 1 Bayan). 2. Productive plants in every orchard of SMARTS-BE Partner Vocational High Schools (VHS 6 Masni, VHS 2 Mimika, VHS PP Mataram, VHS 1 Waibakul, VHS 1 Bayan) through maintenance of superior fruit crops (fertilization, liming, use of ZPT). 3. Increased added value through processing derivative products at new partner vocational high schools in disaster-affected areas (VHS 1 Bayan, North Lombok Regency). 4. Database of growth and production fruit orchards in each SMARTS-BE Partners Vocational School in Region 	DIPA	

					IV.		
21	Study of Superior Tropical Fruits for The Development and Empowerment of Agricultural Vocational High Schools in Indonesia: Improving Plant Health to Support Seasonal Fruit Productivity in Partner Vocational High Schools in South Kalimantan, Southeast Sulawesi, West Java, and DKI Jakarta	Surapati, SP	<ol style="list-style-type: none"> 1. To increase growth and development of fruit crops that have been planted in 2018 based on the BAP (Best Agricultural Practice). 2. To improve the health of crops to support fruit crop productivity throughout the season in accordance with the BAP (Best Agricultural Practice) system. 3. To manufacture superior fruit derivative products for increasing the added value in each SMARTS-BE Partners Vocational School in Region V. 4. To conduct development and refinement of school's curriculum for increasing the competence of educators, education staff and students. 	SMARTS-BE Partner Vocational High Schools (Provincial Office of Education)	<ol style="list-style-type: none"> 1. Local superior fruit crops data in each Vocational High School having been applied with geospatial programs; 2. Recorded complete crops data on growth and development of crops. 3. Intensive cultivation technique packages, based on the Best Agriculture Practice/BAP, for the selected species. 4. Healthy and productive plants throughout the season based on BAP system. 5. Established superior fruit orchards in Vocational High Schools based on BAP system which are digitally connected for easy monitoring system. 6. Professional/skilled personnel in the field of tropical fruit cultivation for managing fruit orchards. 7. Professional/skilled personnel in handling tropical fruit quality certification. 8. Young entrepreneurs (school-age) based on fruit crop commodities developed in VHS. 	DIPA	
22	Development of Plant Pests and Diseases Diagnostic System based on Geo Location: School Digital Friends of SMARTS-BE Program.	Slamet Widodo Sugiarto, MSi	<ol style="list-style-type: none"> 1. To build a geodatabase of crops commodities in SMARTS-BE Partner VHS. 2. To conduct data and information inventory on the dynamics of plant pests and diseases that interfere with the growth and development of crops in SMARTS-BE Partner VHS. 3. To develop a plant diagnostic system for assisting the 	SMARTS-BE Partner Vocational High Schools (Provincial Office of Education)	<ol style="list-style-type: none"> 1. Increased knowledge and ability to utilize agricultural digital data to support the success of the SMARTS-BE program. 2. Increased involvement of school residents, especially students, to become "plant guardians", for practicing responsibility and supporting the independence for learning program through the SMARTS BE program. 	DIPA	

			maintenance and handling of plant-disturbing organisms on crops commodities in SMARTS-BE Partner VHS.				
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Completed Research Projects from PhD Thesis Support Grantees

No.	Title of Research Projects	Researcher/s	Objective(s)	Target Beneficiaries	Output and Impacts Produced	Funding Sources	Partners
1	Haplotype Diversity and Population Subdivision of the Indian (<i>Tachypleus gigas</i>) Horseshoe Crab for Monitoring Conservation in Indonesia	Naila Khuril Aini	<ol style="list-style-type: none"> 1. To contribute in updating IUCN status of <i>Tachypleus gigas</i>, which has been listed in the IUCN Redlist data as being data deficient. 2. To identify the haplotype diversity as the basic data to crosscheck Indonesian horseshoe crab biodiversity with other horseshoe crab from several other countries. 3. To determine the structure population and gene flow of horseshoe crab in each location. 4. To arrange effective management for Indonesian horseshoe crab conservation 	Scientific community	<ol style="list-style-type: none"> 1. Updated IUCN status of <i>Tachypleus gigas</i> from Indonesia. 2. Data about haplotype diversity horseshoe crab (<i>Tachypleus gigas</i>) in Ujung Kulon, Bekasi, and Subang. 3. Information on population structure and gene flow of horseshoe crab (<i>Tachypleus gigas</i>) in Ujung Kulon, Bekasi, and Subang. 4. Effective management plan for Indonesian horseshoe crab (<i>Tachypleus gigas</i>) conservation. 5. My PhD thesis. 	DIPA 2020	None
2	The Use of Local Marine Bacteria from Indonesian Environment for the Development of Industrial Textiles Dye (Indigo)	Elvi Yetti, MSc; Dr Yopi; Ferdiana Pramudya Wardani	<ol style="list-style-type: none"> 1. To select wild type of local marine bacteria from Indonesian environment for biosynthesis of indigo dye by indole biotransformation using naphthalene dioxygenase enzyme. 2. To produce or biosynthesis of indigo by indole biotransformation from 	Scientific community	<ol style="list-style-type: none"> 1. Minimum 1 positive isolate of local marine bacteria for indigo production. 2. Indigo (dye). 3. Publication in national and international reputable scientific journals. 	DIPA 2020	None

APPENDIX 2.

Training Courses, Workshops, Group Discussions, Seminars and Meetings Conducted during FY 2020/2021

A. National Training, Seminar, Workshop

No.	Activities	Objectives	Date and Venue	Source of Fund	Types and number Of participants			Collaborating Agency	Participant's Country
					F	M	Total		
1	SMARTS-BE Online Talk Series 1-17	1. To improve the competence of educators and educational staff in vocational high schools in regards to cultivation, processing and postharvest technologies. 2. To develop a network among educators and educational staff to increase resource sharing.	21 July - 24 November 2020	Gol DIPA	770	702	1,472		All Indonesian
2	Webinar Series 1: Potensi Bioteknologi Pertanian dalam Mewujudkan Ketahanan Pangan di Indonesia [Webinar Series 1: Potential of Agricultural Biotechnology in Realizing Food Security in Indonesia]	To introduce the development and roles of biotechnology in supporting food security in Indonesia.	22 July 2020	Gol DIPA	226	354	580	IndoBIC, ISAAA, CARE IPB	All Indonesian
3	Webinar Series 2: Potensi Bioteknologi Pertanian dalam Mewujudkan Ketahanan Pangan di Indonesia [Webinar Series 2: Potential of Agricultural Biotechnology in Realizing Food Security in Indonesia]	To introduce the development and roles of biotechnology in supporting food security in Indonesia.	24 July 2020	Gol DIPA	138	197	335	IndoBIC, ISAAA, CARE IPB	All Indonesian
4	Training of Trainer: Pengelolaan Geodatabase Sistem Aplikasi	1. To increase participants' knowledge in utilizing spatial data to support	10 - 13 August 2020	Gol DIPA	22	24	46		All Indonesian

	Monitoring dan Diagnostik HPT Tanaman Program SMARTS-BE [Training of Trainer: Geodatabase Management Application System for Monitoring and Diagnostics of Plants Pests and Diseases-A SMARTS-BE Program]	<p>SMARTS-BE program and in the distance learning system to support the agricultural 4.0 program.</p> <ol style="list-style-type: none"> To improve the ability of participants in updating and enriching geodatabase of plant commodities at the schools' location of the SMARTS-BE vocational high schools' partners. To Improve the ability of participants in updating and enriching geodatabase related to plant pests and diseases, as well as information on best practices to overcome the plant pests and diseases issues. To provide knowledge on the use of plant pests and diseases reporting and diagnostic systems to assist the maintenance and handling of plant commodities at the schools' location of the SMARTS-BE vocational high schools partners. 							
5	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BOTROP Secara Partisipatif dan Komprehensif [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]	<ol style="list-style-type: none"> To enhance participant's knowledge on agro-eco-edu tourism concept in SEAMEO BIOTROP. To inform about the development and management plan for agro-eco-edu tourism along with its permit. 	25 - 27 August 2020	Gol DIPA	12	18	30		All Indonesian
6	Pelatihan Pengolahan Penginderaan Jauh	To enhance participants' skills in developing learning material suitable to present	2 - 4 September	Gol DIPA	26	22	48	PT. Agrisoft	All Indonesian

	menggunakan Google Earth Engine [Training Course on Remote Sensing Processing using Google Earth Engine]	Indonesian Education Curriculum which involves Character Strengthening Education (PPK), Literation, Creative Critical thinking, Communicative, and Collaborative (4C), and Higher Order Thinking Skill (HOTS).	2020						
7	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga – Batch 2 [Online Training on the Application of Urban Agriculture in Supporting Family Food Security: Batch 2]	<ol style="list-style-type: none"> 1. To increase participants' understanding of the basic concepts of urban agriculture. 2. To share knowledge about several urban agricultural technologies that can be implemented appropriately in accordance with the existing conditions. 3. To share knowledge related to agricultural technology that can be applied to support adequate food supply for families. 4. To provide an opportunity for participants to practice and develop innovative projects related to urban agriculture. 	August - October 2020	GoI DIPA	100	102	202		Indonesian, Thais
8	Diasphora Talk 1: “Menjadi Dosen di Manca Negara pada Era Global, Mengapa Tidak? “ [Diasphora Talk 1: “Being a Lecturer in Foreign Countries in the Global Era, Why Not? ”]	<ol style="list-style-type: none"> 1. To build and strengthen connectivity and networks among IPB Diaspora alumni. 2. To disseminate and socialize to new alumni (fresh graduates) about knowledge and career experience abroad to compete in global employment. 3. To increase the opportunities and the number of fresh graduate students to get scholarships for undergraduate, postgraduate, and doctoral educations as well as lecturers positions in various developed countries. 4. To share knowledge of alumni mindset and experience to be more measurable and systematic. 	17 October 2020	GoI DIPA	45	55	100	DPP HA IPB	All Indonesian
9	2 nd Quarterly Public Seminar Series:	To enhance participants' knowledge and understanding and to provide a regular	12 November 2020	GoI DIPA	29	39	68		All Indonesian

	Perkembangan Konsep Gulma dan Implikasi Pengelolaannya [2 nd Quarterly Public Seminar Series: The Development of Weed Concept and Its Management Implications]	venue for international and local scientists and other enthusiasts for sharing their research and training knowledge and experiences related to tropical biology.							
10	Training of Trainer: Pengembangan Tabulampot untuk Mendukung Agro-Eko-Edu Wisata [Training of Trainer: Tabulampot Development to Support Agro-Eco-Edu Tourism]	<ol style="list-style-type: none"> 1. To improve the competence of educators and education staffs in Vocational High Schools, Senior High Schools and Islamic Boarding Schools to build potted fruits plants gardens based on Agro-Eco-Edu Tourism 2. To improve farming skills with potted fruits plants in Vocational High Schools, Senior High Schools and Islamic Boarding Schools. 3. To develop a network among educators and education staff to increase resource sharing 	18 - 19 November 2020	Gol DIPA	29	18	47		All Indonesian
11	Pelatihan Ketechnikan 1: Pencegahan dan Pengendalian Aflatoksin pada Bahan Pangan dan Pakan [Technical Training 1: Prevention and Control of Aflatoxins in Food and Feed Ingredients]	<ol style="list-style-type: none"> 1. To provide knowledge and skills in preventing and controlling mycotoxins in food and feed ingredients, including corn, peanuts, nutmeg, wheat flour, and feed. 2. To provide information on fungal methods and mycotoxin testing. 	25 - 26 November 2020	Gol DIPA	16	43	59		All Indonesian
12	Webinar Biotechnology Series 1: "Peran Bioteknologi dalam Mendukung Ketahanan Pangan Indonesia" [Biotechnology Webinar Series 1: "The Role of Biotechnology in Supporting Food Security in Indonesia"]	<ol style="list-style-type: none"> 1. To enhance the awareness and understanding of the public and media about the science of agri-biotechnology and its contributions to agricultural development, food security, and environmental sustainability, including the challenges incurred by climate change. 2. To provide knowledge on biotechnology to public and media practitioners. 	27 November 2020	Gol DIPA	50	77	127	IndoBIC, KTNA, ISAAA	All Indonesian

		3. To socialize writing competition on biotechnology for media.							
13	Webinar Biotechnology Series 2: "Peran Bioteknologi dalam Mendukung Ketahanan Pangan Indonesia" [Biotechnology Webinar Series 2: "The Role of Biotechnology in Supporting Food Security in Indonesia"]	1. To enhance the awareness and understanding of the public and media about the science of agri-biotechnology and its contributions to agricultural development, food security, and environmental sustainability, including the challenges incurred by climate change. 2. To provide knowledge on biotechnology to public and media practitioners. 3. To socialize writing competition on biotechnology for media.	3 Desember 2020	Gol DIPA	60	61	121	IndoBIC, KTNA, ISAAA	All Indonesian
14	Diaspora Talk II: "Sukses Kuliah di Manca Negara" [Diaspora Talk II: "Success in Studying Abroad"]	1. To share knowledge on how to obtain foreign scholarships and to successfully study abroad. 2. To recruit mentees as potential recipients of international scholarships. 3. To listen to alumni's testimonials who are scholarship recipients in foreign countries.	12 Desember 2020	Gol DIPA	48	52	100		All Indonesian
15	Webinar Biotechnology Series 3: "Peran Bioteknologi dalam Mendukung Ketahanan Pangan Indonesia" [Biotechnology Webinar Series 3: "The Role of Biotechnology in Supporting Food Security in Indonesia"]	1. To enhance the awareness and understanding of the public and media about the science of agri-biotechnology and its contributions to agricultural development, food security, and environmental sustainability, including the challenges incurred by climate change. 2. To provide knowledge on biotechnology to public and media practitioners. 3. To socialize writing competition on	17 Desember 2020	Gol DIPA	48	43	91	IndoBIC, KTNA, ISAAA	All Indonesian

		biotechnology for media.							
16	Webinar Bedah Buku: Dr dr Adi Teruna Effendi, Sp PD; judul buku: "Menuju Peradaban Penuh Kesalehan" (Perjalanan Spiritual ke Masjid Al - Aqsa, Palestina) [Online Book Review Webinar: Dr dr Adi Teruna Effendi, Sp PD; book title: "Menuju Peradaban Penuh Kesalehan" (Perjalanan Spiritual ke Masjid Al - Aqsa, Palestina)]	To introduce and discuss the newly published book titled 'Menuju Peradaban Penuh Kesalehan: Perjalanan Spritual Jamaah ESQ ke Masjid Al-Aqsa di Palestina'.	2 January 2021	Gol DIPA	66	60	126	Ikatan Cendekiawan Muslim Indonesia (ICMI)	All Indonesian
17	MOMI CLOUDIA 1: Leadership in Era of Tandem Disruption	To enhance knowledge on leadership, managerial skills, and human resources capacity.	11 January 2021	Gol DIPA	29	31	60		All Indonesian
18	BIOTROP to School (BtS) 1 - POLIVEN: "Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman" [BIOTROP to School (BtS) 1 - POLIVEN: "Tissue Culture Technology for the Provision of Plant Seedlings"]	To introduce and enhance participants' knowledge on tropical biology subjects.	15 January 2021	Gol DIPA	25	20	45	Politeknik Indonesia Venezuela (POLIVEN)	All Indonesian
19	BIOTROP to School (BtS) 2 - HMI, BPRS BOTANI : "Webinar & Maperca: Tantangan Milenial Mahasiswa Islam di Era 4.0" [BIOTROP to School (BtS) 2 - HMI, BPRS BOTANI : "Webinars & Maperca: Challenges for Millennial Islamic Students in Era 4.0"]	To introduce and enhance participants' knowledge on tropical biology subjects.	16 January 2021	Gol DIPA	12	10	22	Himpunan Mahasiswa Islam, BPRS Botani	All Indonesian

20	Talkshow Integrasi Peran Dunia Usaha dan Dunia Industri (DUDI) dalam Penguatan Sekolah Vokasi Indonesia [Talkshow on Integrating the Roles of Business and Industry Worlds (DUDI) in Strengthening Indonesian Vocational Schools]	<ol style="list-style-type: none"> 1. To provide knowledge on the development of vocational schools in Indonesia. 2. To identify the needs of 'Dunia Usaha Dunia Industri (DUDI)' in the present time. 3. To enhance the potential of vocational schools related to 'Dunia Usaha Dunia Industri'. 	28 January 2021	Gol DIPA	165	176	341		All Indonesian
21	MOMI CLOUDIA 2: Shifting Mindset on Knowledge Management in New Normal Era	To enhance knowledge on leadership, managerial skills, and human resources capacity.	1 February 2021	Gol DIPA	49	43	92		All Indonesian
22	SEAMEO Outlook Pendidikan 21: Merdeka Belajar Era New Normal Covid-19 [SEAMEO Education Outlook 21: Merdeka Belajar Program in the New Normal Era of Covid-19]	<ol style="list-style-type: none"> 1. To promote SEAMEO and the 7 SEAMEO Centers in Indonesia in the regional and international stages. 2. To provide knowledge on the achievements and contributions of SEAMEO and the 7 SEAMEO Centers in Indonesia to future beneficiaries. 3. To enhance collaboration opportunities for SEAMEO and Indonesia's 7 SEAMEO Centers. 	6 February 2021	Gol DIPA	804	424	1,228		All Indonesian
23	MOMI CLOUDIA 3: Manfaat dan Tantangan Menerapkan Manufacturing Innovation di SEAMEO BIOTROP [MOMI CLOUDIA 3: Benefits and Challenges of Implementing Manufacturing Innovations at SEAMEO BIOTROP]	To enhance knowledge on leadership, managerial skills, and human resources capacity.	8 February 2021	Gol DIPA			63		All Indonesian
24	Talk of Affiliate Scientist (TAS) – 1: "Teknologi Reproduksi:	1. To enhance the participants' knowledge and understanding on tropical biology.	9 February 2021	Gol DIPA	48	32	80		All Indonesian

	Sumbangsih bagi Kemandirian Pangan, Kesehatan dan Perlindungan Satwa" [Talk of Affiliate Scientist (TAS) – 1: "Reproductive Technology: Contribution to Food Self-reliance, Health and Animal Protection"]	2. To provide a regular venue for international and local scientists and other enthusiasts to share their research and training knowledge and experiences related to tropical biology.							
25	BIOTROP to School (BtS) Seri 3: Biologi Modern [BIOTROP to School (BtS) Series 3: Modern Biology]	To introduce and enhance participants' knowledge on tropical biology subjects.	10 February 2021	Gol DIPA	51	26	77		All Indonesian
26	Video Competition "Sekolahku Asri di Masa Pandemi" [Video Competition "My School is Beautiful during the Pandemic"]	1. To encourage the awareness of the younger generation toward environment. 2. To share education about the importance of environment. 3. To create young generation who has outstanding ability in Information Technology.	13 February 2021	Gol DIPA	92	93	185	SMK Geomatika	All Indonesian
27	BIOTROP to School (BtS) Seri 4: "Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman" [BIOTROP to School (BtS) Series 4: "Tissue Culture Technology for the Provision of Plant Seedlings"]	To introduce and enhance participants' knowledge on tropical biology subjects.	17 February 2021	Gol DIPA	130	209	339		All Indonesian
28	BIOTROP to School (BtS) Seri 5: "SMARTS-BE Toward Online Hybrid Learning System" and New Characters Building	To introduce and enhance participants' knowledge on tropical biology subjects.	19 February 2021	Gol DIPA	20	12	32		All Indonesian
29	BIOTROP to School (BtS) Seri 6: "Pelatihan Penulisan Proposal Penelitian untuk Guru SMK/SMA/Sederajat"	To introduce and enhance participants' knowledge on tropical biology subjects.	23 February 2021	Gol DIPA	94	45	139		All Indonesian

	[BIOTROP to School (BtS) Series 6: "Online Training Course in Writing Research Proposals for SMK/SMA Teachers"]								
30	BIOTROP to School (BtS) Seri 7: "Budidaya Jamur Tiram" [BIOTROP to School (BtS) Series 7: "Oyster Mushroom Cultivation"]	To introduce and enhance participants' knowledge on tropical biology subjects.	24 February 2021	Gol DIPA	50	39	89		All Indonesian
31	In House Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In House Training on Implementation of Risk Management in Facing the Digital Era and New Normal]	To enhance the participants' skill in implementing risk management in their respective departments related to Digital and New Normal Era.	3 March 2021	Gol DIPA	24	20	44		All Indonesian
32	MOMI CLOUDIA 4	To enhance knowledge on leadership, managerial skills, and human resources capacity.	8 March 2021	Gol DIPA	28	22	50		All Indonesian
33	BIOTROP to School (BTS) Seri 8: Spatial Thinking, "Berbicara, Berdiskusi dan Bermain dengan Ruang" [BIOTROP to School (BTS) Series 8: Spatial Thinking, "Talk, Discuss and Play with Space"]	To introduce and enhance participants' knowledge on tropical biology subjects.	15 March 2021	Gol DIPA	18	19	37		All Indonesian
34	Bimbingan Teknis Keterampilan Budidaya Kerang dalam Rangka Praktek Kerja Mahasiswa ke Jepang [Technical Guidance on Skills for Clam Cultivation for Students Internship to Japan]	1. To enhance the concepts of scallop cultivation. 2. To share experiences related to scallop cultivation.	15 - 16 March 2021	Gol DIPA	2	17	19	Universitas Padjajaran, PT. KIBO TRADING	All Indonesian

35	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP]	To enhance knowledge on creating, managing and registering Intellectual Rights/HKI (Hak Kekayaan Intelektual).	23 March 2021	Gol DIPA	14	28	42		
36	Peningkatan Kapasitas dan Kompetensi Pelaku Usaha Mikro Budidaya Jamur [Increasing the Capacity and Competence of Mushroom Cultivation Micro Businesses]	To introduce and improve the competence of Food Mushroom Cultivator.	22 - 24 March 2021	Gol DIPA	3	4	7	Dinas Koperasi dan UKM, Kota Padang	All Indonesian
37	Bimbingan Teknik (BIMTEK) Podcast [Technical Guidance on Podcast]	1. To improve the participants' skills in creating and developing podcast for teachers, students, and public. 2. To promote the activities of SEAMEO BIOTROP in tropical biology.	30 - 31 March 2021	Gol DIPA	18	20	38		All Indonesian
38	Lokakarya dan Diskusi Terpumpun: Integrasi Kajian Lingkungan Hidup Strategis, Rencana Zonasi Wilayah Pesisir dan Pulau-Pulau Kecil (RZWP3K) dan Rencana Tata Ruang Wilayah (RTRW) [Workshop and Focus Group Discussion on Integrating Strategic Environmental Assessment, Zoning Plan of Coastal Areas and Small Islands (RZWP3K) and Spatial Plans (RTRW)]	1. To provide knowledge on the integration of Spatial Plan (Rencana Tata Ruang Wilayah (RTRW)) and Zoning plan on the Coastal Waters and Small Islands (Rencana Zonasi Wilayah Perairan dan Pulau-pulau Kecil (RZWP3K)). 2. To collect inputs for regulator in a form of policy brief.	6 April 2021	Gol DIPA	17	40	57		All Indonesian

39	MOMI CLOUDIA 5: Transformasi Manajemen Organisasi dan Proses Bisnis Era New Normal [MOMI CLOUDIA 5: Transformation of Organizational Management and Business Processes in the New Normal Era]	To enhance knowledge on leadership, managerial skills, and human resources capacity.	12 April 2021	Gol DIPA	28	17	45		All Indonesian
40	Webinar: Status Regulasi Tanaman Hasil Rekayasa Genetika di Indonesia [Webinar on Regulatory Status of Genetically Engineered Plants in Indonesia]	To introduce and discuss the regulation of biotechnology in supporting food security in Indonesia.	20 April 2021	Gol DIPA	181	160	341	IndoBIC	All Indonesian
41	Talk of Affiliate Scientists (TAS) Seri 3: 'Strategi Penyusunan Proposal Penelitian dan Competitive Grant' [Talk of Affiliate Scientists (TAS) Series 3: 'Strategies for Formulating Research Proposals and Competitive Grants']	1. To enhance the participants' knowledge and understanding on tropical biology. 2. To provide a regular venue for international and local scientists and other enthusiasts to share their research and training knowledge and experiences related to tropical biology.	27 April 2021	Gol DIPA	31	14	45		All Indonesian
42	Talkshow Urban Farming: (Budidaya Hidroponik, Akuaponik dan Jamur Pangan) [Talkshow on Urban Farming: (Hydroponics, Aquaponics and Edible Mushrooms Cultivation)]	1. To enhance the participants' knowledge and understanding on tropical biology. 2. To provide a regular venue for international and local scientists and other enthusiasts to share their research and training knowledge and experiences related to tropical biology.	21 May 2021	Gol DIPA	46	21	67	Ministry of Education, Culture, Research, and Technology, Republic of Indonesia	All Indonesian
43	National Technical Guidance on Molecular Biology for High School and Vocational School Teachers in Indonesia	To introduce, educate, and develop the competence of high school teachers in molecular biology analysis.	7 - 11 June 2021	Gol DIPA	111	28	139		All Indonesian

B. International Conference

No.	Activities	Objectives	Date and Venue	Source of Fund	Types and number of			Collaborating Agency	Participant's Country
					participants				
					F	M	Total		
1	The 4 th International Conference on Eco Engineering Development (ICEED 2020): Eco Engineering, Technology, Planning and Design for Sustainable Living Environment	To seek for any research that contributes to the ecological development and invites all academician, practitioners as well as students to come and join this event not only to gain current knowledge and technology, but also to broad network which in return to make any possible collaboration.	10 - 11 November 2020	GoI DIPA	48	52	100	BINUS University	All Indonesian
2	International Symposium on Aquatic Sciences	<ol style="list-style-type: none"> 1. To catalyze research, particularly among scientists around the world in the field of resource management. 2. To provide opportunities for scientists, researchers and practitioners to share experiences and information about current research activities and developments in the aquatic resource sciences. 3. To establish cooperation/network of scientists, researchers and practices between nations. 4. To publish research results of lecturers/researchers in scientific periodicals with international reputation and indexed by Scopus. 	17 November 2020	GoI DIPA	120	129	249	Faculty of Fisheries and Marine Sciences, IPB	

C. In-country, Regional and International Training

No.	Activities	Objectives	Date and Venue	Source of Fund	Types and number of participants			Collaborating Agency	Participant's Country
					F	M	Total		
1	Talk of Affiliate Scientist (TAS) - 2: 'The Progress of Weed Management'	<p>1. To enhance the participants' knowledge and understanding on tropical biology.</p> <p>2. To provide a regular venue for international and local scientists and other enthusiasts to share their research and training knowledge and experiences related to tropical biology.</p>	6 April 2021	Gol DIPA & SEDF	21	21	42		Indonesian, Filipino, Malaysian
2	Regional Training Course on The New Concept of Weeds and Their Management	<p>1. To enhance the existing knowledge and skills of the participants on weed management.</p> <p>2. To strengthen the participants' linkages in working toward a more integrated effort in the management and control of new development weed concept in the region.</p>	29 - 31 March 2021	Gol DIPA & SEDF	126	84	210	MEXT	Indonesian, Fijian, Filipino, Indian, Japanese, Malaysian
3	Regional Workshop and FGD on the Potential of Essential Oil Development to Enter New Normal Era in Southeast Asia	<p>1. To offer knowledge and understanding on the development of essential oil and its eminence in the new normal era.</p> <p>2. To introduce the uses of aromatic plants and its derivative products.</p> <p>3. To map the worldwide prospect and market of essential oils for aromatherapy.</p> <p>4. To map the strategies for essential oils development in Southeast Asia.</p>	7 - 8 April 2021	Gol DIPA & SEDF	30	15	45		Indonesian, Filipino
4	Regional Technical Guidance on Application of Next Generation Sequencing (NGS) Data and Artificial Intelligence (AI) In Agriculture	<p>1. To obtain knowledge about the latest information on developments regarding the application of NGS data and AI in agriculture.</p> <p>2. To obtain skills in developing experimental techniques based on the NGS application.</p> <p>3. To develop an action plan for conducting a research project or integrating NGS and AI</p>	7, 8, 9, 14 June 2021	Gol DIPA & SEDF	56	39	95	MEXT	Indonesian, Fijian, Filipino, Indian, Malaysian

		concepts in the university curriculum. 4. To build a network and cooperation among scientists working on NGS and genomics research in the region and those in developed countries.								
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APPENDIX 3.**List of Memorandum of Understanding (MoU)/Memorandum of Agreement (MoA) and Contracts Signed in FY 2020/2021****A. On-Going Memorandum of Understanding/Memorandum of Agreement and Contracts**

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
1.	RS Ummi	16 July 2020	Pelayanan Kesehatan, Penyediaan Fasilitas Kesehatan, Pendidikan dan Penelitian [Health Services, Provision of Health Facilities, Education and Research]	1 Year
2.	RS Ummi	16 July 2020	PKS: Jasa Pelayanan Kesehatan dan Rujukan Covid-19 [MoA: Health Care and Referral Services Covid-19]	1 Year
3.	Arah Environmental Indonesia, PT	9 September 2020	[Amandemen ke-6] Kerja Sama Pengelolaan Limbah B3 Medis [6 th Amendment] Medical B3 Waste Management Cooperation	1 Year
4.	Yayasan Konservasi Alam Nusantara/TNC	10 August 2020	Project Indo YTNC Water Fund Model Development	3 Years
5.	Yayasan Kehati	20 October 2020	Pelestarian dan pemanfaatan keanekaragaman hayati [Biodiversity Conservation and Utilization]	3 Years
6.	BBIP Siemeuleu	21 October 2020	Penelitian dan pengembangan Lobster [Lobster Research and Development]	N/A

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
7.	Pensylvania State University	23 October 2020	Developing Collaborations in Education, Research and Community Development	3 Years
8.	Padjadjaran University	10 November 2020	Developing Collaborations in Education, Research and Community Development	1 Year
9.	Agra Intan Makmur Sejahtera, PT (PT AIMS)	27 November 2020	Pengembangan Teknologi Kultur Jaringan dan Pemuliaan Tanaman Pertanian [Development of Tissue Culture Technology and Agricultural Plant Breeding]	3 Years
10.	Agra Intan Makmur Sejahtera, PT (PT AIMS)	27 November 2020	Pengembangan Teknologi Kultur Jaringan dan Pemuliaan Bibit Kentang [Development of Tissue Culture Technology and Potato Seed Breeding]	3 Years
11.	SMKN 1 Karimunjawa	2 December 2020	Diseminasi Teknologi Penyediaan Bibit Rumput Laut Kotoni dengan Teknik Kultur Jaringan di SMKN 1 Karimunjawa [Technology Dissemination for the Provision of Cottonii Seaweed Seeds with Tissue Culture Techniques at SMKN 1 Karimunjawa]	2 Years
12.	SMKN 1 Karimunjawa	2 December 2020	Aklimatisasi dan Pembesaran Bibit Kultur Jaringan Rumput Laut Kotoni di Perairan Pantai [Acclimatization and Cultivation of Cottonii Seaweed Tissue Culture Seedlings in Coastal Waters]	2 Years
13.	Donggi Senoro LNG, PT	7 December 2020	Program Pengembangan Masyarakat Berbasis Teknologi Terapan [Applied Technology-Based Community]	1 Year

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
			Development Program]	
14.	Politeknik Venezuela Indonesia	8 December 2020	Developing Collaborations in Education, Research and Community Development	3 Years
15.	Universitas Negeri Makassar	21 January 2021	Developing Collaborations in Education, Research and Community Development	3 Years
16.	Fajar Surya Swadaya, PT	8 February 2021	Kerja Sama Penelitian dan Pengembangan Usaha Tanaman Industri [Industrial Plant Research and Development Collaboration]	5 Years
17.	Fajar Surya Swadaya, PT	8 February 2021	PKS : Pemeliharaan dan Penelitian Kultur Jaringan 10 klon <i>Eucalyptus</i> hybrid pada Laboratorium Kultur Jaringan SEAMEO BIOTROP [MoA : Tissue Culture Maintenance and Research of 10 Hybrid <i>Eucalyptus</i> Clones at SEAMEO BIOTROP Culture Laboratory	1 Year
18.	Bina Nusantara University (BINUS)	8 February 2021	Developing Collaborations in Education, Research and Community Development	1 Year
19.	Buana Resources Capital, PT (Servo)	22 March 2021	Penelitian, Pelatihan, Pengabdian Masyarakat Bidang Biologi Tropis [Research, Training, Community Service in Tropical Biology]	3 Years
20.	Institut Pertanian Bogor (IPB University)	8 April 2021	Developing Collaborations in Education, Research and Community Development	5 Years
21.	Garudafood, PT	8 April 2021	MoU: Pembinaan dan Pengembangan SDM [MoU: Human Resources Development and	3 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
			Development]	
22.	Garudafood, PT	8 April 2021	MoA: Assessment Integrated Pest Management	3 Years
23.	Yayasan Usaha Mulia	8 April 2021	Community Development and Improving the Quality of Life for the Underprivileged Communities	3 Years
24.	Balai Uji Terap Teknik dan Metode Karantina Pertanian	8 April 2021	Kerja Sama Penelitian, Pengembangan dan Pengabdian Masyarakat di Bidang Biologi Tropis [Collaboration in Research, Development and Community Service in Tropical Biology]	3 Years
25.	Embassy of the Republic of Indonesia in Tokyo, Japan	22 April 2021	Pengajaran dan Pelatihan untuk SILN di Bidang Biologi Tropis [Teaching and Training for SILN in Tropical Biology]	3 Years
26.	University Islam As Syafiiyah	22 April 2021	Developing Collaborations in Education, Research and Community Development	3 Years
27.	SMK Negeri 1 Bawen	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
28.	SMK Negeri 1 Kalibagor	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
29.	SMK Negeri 1 Salam	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
30.	SMK Negeri 1 Temanggung	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
31.	SMK Negeri 2 Slawi	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
32.	SMK Negeri 1 Gondang	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
33.	SMK Negeri 1 Tulungagung	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
34.	SMK Negeri 5 Jember	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
35.	SMK PP Negeri 1 Tegalampel	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
36.	SMK Negeri 1 Petang, Bali	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
37.	SMK Negeri 1 Bawen	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
38.	SMK PP Saree Aceh	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
39.	UPT SMKN 2 Muara Enim	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
40.	UPT SMK Negeri 5 Banyuasin III	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
41.	SMK Negeri Kelapa, Bangka Belitung	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
42.	SMK Negeri 2 Metro	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
43.	SMKN 1 Gedongtataan	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
44.	SMKN 1 Nisam	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
45.	SMKN 1 Gayo	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
46.	SMK PP Negeri Mataram	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
47.	SMK Negeri 1 Cibadak Sukabumi	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
48.	SMK Negeri 1 Pacet	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
49.	SMK Negeri 2 Subang	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
50.	SMK Negeri 63 Jakarta	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
51.	SMK 57 Pariwisata Jakarta	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
52.	SMK Negeri 1 Kemang	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
53.	SMK Negeri 4 Bogor	27 April 2021	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
54.	SMK Negeri 1 Bawen	27 April 2021	MOU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis	3 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
			[Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	
55.	SMK Negeri 1 Kalibagor	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
56.	SMK Negeri 1 Salam	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
57.	SMK Negeri 1 Temanggung	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
58.	SMK Negeri 2 Slawi	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research	3 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
			and Dissemination of Information in Tropical Biology]	
59.	SMK Negeri 1 Gondang	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
60.	SMK Negeri 1 Tulungagung	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
61.	SMK Negeri 5 Jember	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
62.	SMK PP Negeri 1 Tegalampel	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical	3 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
			Biology]	
63.	SMK Negeri 1 Petang, Bali	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
64.	SMK Negeri 1 Bawen	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
65.	SMK PP Saree Aceh	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
66.	UPT SMKN 2 Muara Enim	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
67.	UPT SMK Negeri 5 Banyuasin III	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
68.	SMK Negeri Kelapa, Bangka Belitung	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
69.	SMK Negeri 2 Metro	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
70.	SMKN 1 Gedongtataan	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
71.	SMKN 1 Nisam	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan,	3 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
			Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	
72.	SMKN 1 Gayo	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
73.	SMK PP Negeri Mataram	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
74.	SMK Negeri 1 Cibadak Sukabumi	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
75.	SMK Negeri 1 Pacet	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang	3 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
			Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	
76.	SMK Negeri 2 Subang	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
77.	SMK Negeri 63 Jakarta	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
78.	SMK 57 Pariwisata Jakarta	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
79.	SMK Negeri 1 Kemang	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis	3 Years

No.	Organization/Agency	Date Signed	Subject of Cooperation	Duration
			[Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	
80.	SMK Negeri 4 Bogor	27 April 2021	MoU : Kerja Sama Bidang Pendidikan, Pelatihan, Penelitian dan Diseminasi Informasi di Bidang Biologi Tropis [Collaboration in Education, Training, Research and Dissemination of Information in Tropical Biology]	3 Years
81.	Infofish	31 May 2021	Training Course on Tissue Culture for the Provision of Cottonii Seaweed Seedlings	N/A
82.	Pemalang Agro Wangi, PT	3 June 2021	Pengembangan tanaman minyak atsiri di Indonesia [The Development of Essential Oil Plants in Indonesia]	1 Year
83.	Jirona Agritama, PT	22 June 2021	Pengujian, penelitian, pelatihan, pertukaran informasi [Testing, research, training, information exchange]	

B. Completed Memorandum of Understanding/Memorandum of Agreement and Contracts

No	Organization/Agency	Date Signed	Subject of Cooperation	Duration
1	Malaysian Agricultural Research and Development Institute (MARDI)	24 May 2016	Collaboration in Research, Development and Capacity Building in Tropical Biodiversity	5 Years
2	Masyarakat Ahli Penginderaan Jauh Indonesia (MAPIN)	26 February 2018	Kerja sama bidang pendidikan, penelitian, pelatihan dan pengabdian masyarakat di bidang Geospasial [Collaboration in Education, Research, Training and Community Service in Geospatial]	3 Years
3	Politeknik Pertanian Negeri Pangkajene dan Kepulauan	26 February 2018	Pembinaan Sumber Daya Manusia di Bidang Penelitian dan Pengembangan Komoditas Pertanian, Perikanan dan Peternakan Berbasis Teknologi Tepat Guna [Human Resources Development in Research and Development on Appropriate Technology for Agriculture, Fisheries and Livestock Commodities]	3 Years
4	Universitas Satya Negera Indonesia (USNI)	20 March 2018	Staff Exchanges, Research and Internship Programs, and Collaborative Projects in the Areas of Mutual Interest	3 Years
5	Soci Mas , PT (Sinarmas Oleochemical)	9 April 2018	Pembinaan sumber daya manusia melalui kegiatan Pelatihan dan Penelitian dalam bidang Pengendalian Hama Kayu Kemasan dan bidang-bidang lainnya yang terkait dengan Pengelolaan Hama Terpadu (Integrated Pest Management), pelayanan dan kegiatan-kegiatan lainnya yang disepakati [Human Resource Development through Training and Research Activities in Packing-Wood Pests]	3 Years

No	Organization/Agency	Date Signed	Subject of Cooperation	Duration
			Control and Other Fields Related to Integrated Pest Management, Services and Other Agreed Activities]	
6	Mindanao State University	18 April 2018	Staff Exchanges, Research and Internship Programs, and Collaborative Projects in the Areas of Mutual Interest	3 Years
7	Institut of Brunei Technical Education (IBTE)	22 May 2018	Advancing Agro-Technology Education and Application in Southeast Asia	3 Years
8	SMK Kehutanan Bakti Rimba Bogor	04 July 2018	Peningkatan mutu pendidikan kejuruan bidang kehutanan di Sekolah Menengah Kejuruan Kehutanan Bakti Rimba Kota Bogor [Improving the Quality of Vocational Education in the Forestry Sector at SMK Bakti Rimba Bogor]	2 Years
9	SMK Negeri 1 Kalibagor	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
10	SMK Negeri 1 Kemang	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
11	SMK Negeri 1 Kuala Kampar	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
12	SMK Negeri 1 Salam	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
13	SMK Negeri 1 Waibakul	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
14	SMK Negeri 5 Jember	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
15	SMK PP Negeri 1 Tegalampel	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
16	SMK PP Negeri Saree	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years

No	Organization/Agency	Date Signed	Subject of Cooperation	Duration
17	SMK Negeri 1 Cibadak	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
18	SMK Negeri 1 Gelumbang	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
19	SMK Negeri 1 Kelapa	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
20	SMK Negeri 1 Pacet	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
21	SMK Negeri 1 Tulungagung	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
22	SMK Negeri 2 Subang	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
23	SMK Negeri 1 Tapin Selatan	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
24	SMK Negeri 2 Pandeglang	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
25	SMK Negeri 63 Jakarta	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
26	SMK Negeri 2 Metro	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
27	SMK Negeri 1 Gondang	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
28	SMK Negeri 6 Masni	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
29	SMK Negeri 1 Temanggung	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
30	SMK Negeri 2 Slawi	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years

No	Organization/Agency	Date Signed	Subject of Cooperation	Duration
31	SMK Negeri 4 Bogor	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
32	SMK Negeri 57 Jakarta	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
33	SMK Negeri 2 Mimika	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
34	SMK Negeri 5 Kendari	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
35	SMK Negeri 1 Bawen	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
36	SMK Unggul Negeri 2 Banyuasin III	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
37	SMK PP Negeri Mataram	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
38	SMK Negeri 1 Petang	1 August 2018	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
39	PT Ithaca Resources	10 January 2019	Kerja Sama Pusat Kajian Reklamasi Lahan Bekas Tambang dan Rehabilitasi Daerah Aliran Sungai (DAS) [Collaboration in Reclamation of Post-Mining Area and Watershed Rehabilitation]	2 Years
40	SMK-PP Kutacane	4 March 2019	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
41	SMKIT Insan Toda	6 May 2019	Peningkatan Mutu Pendidikan Kejuruan [Improving the Quality of Vocational Education]	2 Years
42	Djuanda University	17 May 2019	Staff Exchanges, Research and Internship Programs, and Collaborative Projects in the Areas of Mutual Interest, including Field Work Practice in Japan]	2 Years

No	Organization/Agency	Date Signed	Subject of Cooperation	Duration
43	Amman Mineral, PT	1 June 2019	[AMANDEMEN ke- 3] Jasa Pengujian Tanah di Laboratorium untuk "Proyek Batu Hijau" [3 rd AMENDMENT] Soil Testing Services in the Laboratory for "Batu Hijau Project"	1 Year
44	PT Kasongan Bumi Kencana	22 July 2019	Pengembangan <i>Swampy Forest</i> pada Bekas Fasilitas Penimbunan Tailing [The Development of Swampy Forest in Former Tailings Stockpiling Facility]	18 Month
45	PT Indominco Mandiri	1 April 2020	Ammandemen ke -1 Perjanjian Jasa Konsultasi dan Pendampingan [1 st Amendment to the Consulting and Mentoring Services Agreement]	1 Year
46	PT BSAF	15 June 2020	Pengujian Efikasi Herbisida untuk keperluan izin tetap baru [Herbicide Efficacy Testing for New Permanent Permits Application]	6 Month
47	PT Golden Grand Mills	20 October 2020	Assessment Program on Integrated Pest Management	n/a
48	PT Easter Pearls Flours Mills	20 October 2020	Assessment Program on Integrated Pest Management	n/a
49	Koperasi KIETA	18 November 2020	Penyelenggaraan Pelatihan Daring Teknik Kultur Jaringan dan Budidaya Lobster Air Tawar [Organizing Online Training for Tissue Culture Technique and Freshwater Lobster Cultivation]	1 Month

APPENDIX 4.**List of Post and Undergraduate Students Who Conducted Researches, Internships and On-The-Job Trainings at SEAMEO BIOTROP during FY 2020/2021****A. Research**

No.	Name	Institution and Level	Research Title	Unit Affiliated	Supervisor
1	Marlin Sefrila	Institut Pertanian Bogor, Pascasarjana, Fakultas Pertanian (S3) <i>IPB University Faculty of Agriculture</i>	Isolasi, Karakterisasi dan kompatibilitas FMA serta aplikasinya pada tumpang sari tanaman tebu-kedelai pada budidaya jenuh air di dalam kondisi pasang surut [Isolation, characterization and compatibility of AMF and its application to sugarcane-soybean intercropping in water-saturated cultivation in tidal condition]	Biosystem and Landscape Management Laboratory	Dr Irdika Mansur
2	Muhammad Syamil Hizbi	Institut Pertanian Bogor, Pascasarjana, Fakultas Kehutanan dan Lingkungan (S2) <i>IPB University Faculty of Forestry and Environment</i>	Pengembangan Tanaman Penghasil Minyak Atsiri untuk Kemandirian Pesantren [Development of Essential Oil-Producing Plants for Self-sufficiency in Islamic Boarding School]	Natural Product Laboratory	Dr Supriyanto
3	Iwan Perala	Institut Pertanian Bogor, Pascasarjana, Fakultas Pertanian (S2) <i>IPB University Faculty of Agriculture</i>	Pembuatan Starter Bakteri Pereduksi Sulfat untuk Pengelolaan Air Asam Tambang [The Making of Starter for Sulfate Reducing Bacteria to Treat Acid Mine Drainage]	Biotechnology Laboratory	Anidah, MTP
4	Muhammad Asad Siregar	Institut Pertanian Bogor, Pascasarjana, Fakultas Ekonomi dan Manajemen, Departemen Manajemen (S2) <i>IPB University Faculty of Economics and Management</i>	Pengaruh Implementasi Manajemen Mutu ISO 9001:2015 dan Kepuasan Kerja Terhadap Kinerja karyawan SEAMEO BIOTROP [The Effect of Implementing ISO 9001:2015 on Quality Management and Job Satisfaction on the Performance of SEAMEO BIOTROP Employees]	Services Laboratory	Santi Ambarwati, MSi

5	Nicha Puspitalia	Institut Pertanian Bogor, Fakultas Pertanian (S1) <i>IPB University Faculty of Agriculture</i>	Efek Fumigan Minyak Atsiri <i>Eucalyptus globulus</i> Labill terhadap hama Gudang <i>Oryzaephilus surinamensis</i> Linnaeus (Coleoptera: Silvanidae) [The Effects of <i>Eucalyptus globulus</i> Labill Essential Oil Fumigant on Storage Pests <i>Oryzaephilus surinamensis</i> Linnaeus (Coleoptera: Silvanidae)]	Entomology Laboratory	Dr Ir Idham Sakti Harahap
6	Esti Nurianti	Institut Pertanian Bogor, Fakultas Kehutanan dan Lingkungan (S1)	Uji Ekspresi Gen Tripsin Inhibitor Sengon terhadap Ketahanan Hama Bektor [Sengon Inhibitor Trypsin Gene Expression Against Bektor Pest Resistance]	Biotechnology Laboratory	Anidah, MTP
7	Fahirah Dwiyuni	Institut Pertanian Bogor, Fakultas Kehutanan dan Lingkungan (S1) <i>IPB University Faculty of Forestry and Environment</i>	Uji Ekspresi Gen X-Amilase Inhibitor Sengon terhadap Ketahanan Hama Bektor [Sengon X-Amylase Inhibitor Gene Expression Against Bektor Pest Resistance]	Biotechnology Laboratory	Anidah, MTP
8	Zulkarnaen Noor Syarief	Universitas Budi Luhur, Pascasarjana, Fakultas Teknologi Informasi (S2) <i>Universitas Budi Luhur, Faculty of Information Technology</i>	Information Gain untuk mengetahui Pengaruh Atribut terhadap klasifikasi kedisiplinan pada Pegawai BIOTROP [Information Gain to Determine the Influence of Attributes on the Discipline Classification in SEAMEO BIOTROP's Employees]	Human Resource Management Department	Yuni Puspita Sari, MM
9	Mamay Maesaroh	Universitas Budi Luhur, Pascasarjana, Fakultas Teknologi Informasi (S2) <i>Universitas Budi Luhur, Faculty of Information Technology</i>	Information Gain untuk mengetahui Pengaruh Atribut terhadap klasifikasi kedisiplinan pada Pegawai BIOTROP [Information Gain to Determine the Influence of Attributes on the Discipline Classification in SEAMEO BIOTROP's Employees]	Human Resource Management Department	Yuni Puspita Sari, MM
10	Desi Susanti	Institut Pertanian Bogor, Fakultas Perikanan dan Ilmu Kelautan (S1) <i>IPB University</i>	Penggunaan Sistem Cellular pada Pemeliharaan Lobster Air Tawar (<i>Cherax quadricarinatus</i>)	Aquatic Laboratory	Dr. Ichsan Achmad Fauzi, SPi, MSc

		<i>Faculty of Fisheries and Marine Science</i>	[The Use of Cellular System in Freshwater Lobster Maintenance (<i>Cherax quadricarinatus</i>)]		
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B. Internship and On-the-Job Training

No.	Name	Institution and Level	Research Title	Unit Affiliated	Supervisor
1	Dwi Yuni Wulandari, S.Pi, M.Si	Institut Pertanian Bogor, Fakultas Perikanan dan Ilmu Kelautan (Staf IPB) <i>IPB University Faculty of Fisheries and Marine Science</i>	Perbanyak rumput laut dengan metode kultur jaringan [Seaweed Propagation by using Tissue Culture Method]	Tissue Culture Laboratory	Dr Erina Sulistiani
2	Nur Rohim	Institut Pertanian Bogor, Pascasarjana, Fakultas Perikanan dan Ilmu Kelautan (S2) <i>IPB University Faculty of Fisheries and Marine Science</i>	Mapping by using the GIS System	Remote Sensing and Ecology Laboratory	Slamet Widodo Sugiarto, SSI
3	Faqih Baihaqi	Institut Pertanian Bogor, Pascasarjana, Fakultas Perikanan dan Ilmu Kelautan (S2) <i>IPB University Faculty of Fisheries and Marine Science</i>	Mapping by using the GIS System	Remote Sensing and Ecology Laboratory	Slamet Widodo Sugiarto, SSI
4	Tri Prabowo	Institut Pertanian Bogor, Pascasarjana, Fakultas Perikanan dan Ilmu Kelautan (S2) <i>IPB University Faculty of Fisheries and Marine Science</i>	Mapping by using the GIS System	Remote Sensing and Ecology Laboratory	Slamet Widodo Sugiarto, SSI

5	Claritha Madonsa	Institut Pertanian Bogor, Pascasarjana, Fakultas Perikanan dan Ilmu Kelautan (S2) <i>IPB University Faculty of Fisheries and Marine Science</i>	Mapping by using the GIS System	Remote Sensing and Ecology Laboratory	Slamet Widodo Sugiarto, SSi
6	Azlia Kusumaningdyah Z	Universitas Gadjah Mada Fakultas Matematika dan Ilmu Pengetahuan Alam (S1) <i>Universitas Gadjah Mada Faculty of Mathematics and Natural Sciences</i>	Distillation, Characterization, Chemical Compositon of Essential Oil and Its Product Development	Natural Product Laboratory	Dr Supriyanto
7	Milenia Mega Thalia H	Universitas Gadjah Mada Fakultas Matematika dan Ilmu Pengetahuan Alam (S1) <i>Universitas Gadjah Mada Faculty of Mathematics and Natural Sciences</i>	Extraction and Potential Use of Essential Oils and Evaluation of Essential Oil-Based Products	Natural Product Laboratory	Dr Supriyanto
8	Syifa Nurqolbiah Setiawan	Universitas Islam Negeri (UIN) Syarif Hidayatullah, Fakultas Sains dan Teknologi (S1) <i>Universitas Islam Negeri (UIN) Syarif Hidayatullah, Faculty of Science and Technology</i>	Verifikasi Pengujian In House Reference Material (IRM) Aflatoksin B1 Secara Thin Layer Chromatography (TLC) [Verification of Aflatoxin B1 through In House Reference Material (IRM) Test by using Thin Layer Chromatography (TLC)]	Food and Feed Laboratory	Ratnaningsih, SSi
9	Azriel Baruna	SMAK – BOGOR Vocational School of Chemical Analysts- Bogor	Analisis kadar NO ₂ dalam Udara Ambien [Analysis of NO ₂ Levels in Ambient Air]	Water and Air Laboratory	Dika Zulkarnaen, SSi
10	Naufal Khairulyanto	SMAK – BOGOR	Analisis kadar NH ₃ dalam Udara Ambien [Analysis of NH ₃ Levels in Ambient Air]	Water and Air Laboratory	Budi Cahyadi, SSi

		Vocational School of Chemical Analysts-Bogor			
11	Rasyid Ihsan Herlambang	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Penetapan pH, P tersedia, P potensial, serta keasaman tanah [Determination of pH, available P, potential P, and soil acidity]	Soil and Plant Laboratory	Eko Purwiyanto
12	Fanny Raniah Nuraeni	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Penetapan pH dan Logam berat (Cu, Zn, Pb dan Sn) pada sampel tanah mineral [Determination of pH and heavy metals (Cu, Zn, Pb and Sn) in soil samples mineral]	Soil and Plant Laboratory	Eko Purwiyanto dan Mutiara Hidayat
13	Daris Farhan Subagya	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Penentuan Limit Deteksi Aflatoksin B1 dengan Metode AOAC secara TLC [Determination of Aflatoxin B1 Detection Limit through AOAC Method by using Thin Layer Chromatography (TLC)]	Food and Feed Laboratory	Ratnaningsih, SSi
14	Annisa Nadya P. Nabillah	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Penetapan pH dan kejenuhan basa pada tanah mineral [Determination of pH and Base Saturation in Mineral Soils]	Soil and Plant Laboratory	Eko Purwiyanto
15	Anastasia Segari Putri P	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Analisis Kadar NH ₃ dan NO ₂ pada Udara Ambien [Analysis of NH ₃ and NO ₂ Levels in Ambient Air]	Water and Air Laboratory	Budi Cahyadi, SSi
16	Dini	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Analisis Kadar NH ₃ dan NO ₂ pada Udara Ambien [Analysis of NH ₃ and NO ₂ Levels in Ambient Air]	Water and Air Laboratory	Budi Cahyadi, SSi

17	Witha Surtiningsih	Institut Pertanian Bogor, Fakultas Perikanan dan Ilmu Kelautan (S1) <i>IPB University Faculty of Fisheries and Marine Science</i>	Estimasi Serapan Karbon Mangrove di pasar Banggi Rembang Jawa Tengah [Estimating Carbon Uptake of Mangrove in Banggi Rembang Market, Central Java]	Soil and Plant Laboratory	Eko Purwiyanto
18	Zuharman	Sekolah Vokasi Institut Pertanian Bogor, (D3) Teknik Komputer <i>School of Vocational Studies, IPB University, Study Program Computer Technology</i>	Rancang Bangun Sistem Monitoring dan Controlling Greenhouse Hidroponik Berbasis Web di SEAMEO BIOTROP [Designing A Web-based Greenhouse Hydroponics Monitoring and Control Systems at SEAMEO BIOTROP]	Hydroponics Unit	Riana Hartati, SSi
19	Akmal Faqih Dhia Ulhaq	Sekolah Vokasi Institut Pertanian Bogor, (D3) Teknik Komputer <i>School of Vocational Studies, IPB University, Study Program Computer Technology</i>	Rancang bangun sistem monitoring kelembaban kumbung berbasis Web [Designing A Web-based Humidity Monitoring System for Mushroom House]	Mushroom Cultivation Unit	Zulkarnaen Noor Syarif, SKom
20	Dino Virgianto	Sekolah Vokasi Institut Pertanian Bogor, (D3) Teknik Komputer <i>School of Vocational Studies, IPB University, Study Program Computer Technology</i>	Pengembangan Database herbarium [Developing Herbarium Database]	Herbarium	Dr Sri Sudarniyati Tjitrosoedirdjo
21	Muhamad Lingga Nurfalah	Sekolah Vokasi Institut Pertanian Bogor, (D3) Teknik Komputer <i>School of Vocational Studies, IPB University, Study Program Computer Technology</i>	Aquaponic System with IoT	Aquatic Laboratory	Shella Marlinda, MSi
22	Dhestra Jumena Bhakti	SMK Kehutanan Bakti Rimba Bogor <i>Forestry Vocational School Bakti Rimba</i>	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi

		<i>Bogor</i>	[Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]		
23	Nazzar Zullizar	SMK Kehutanan Bakti Rimba Bogor <i>Forestry Vocational School Bakti Rimba Bogor</i>	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP [Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi
24	Sonny Aliando Hutagalung	SMK Kehutanan Bakti Rimba Bogor <i>Forestry Vocational School Bakti Rimba Bogor</i>	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP [Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi
25	Nanda Aulia Rifki	SMK Kehutanan Bakti Rimba Bogor <i>Forestry Vocational School Bakti Rimba Bogor</i>	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP [Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi
26	Sekar Azzalia	SMK Kehutanan Bakti Rimba Bogor <i>Forestry Vocational School Bakti Rimba Bogor</i>	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP [Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi
27	Rian Setiawan	SMK Kehutanan Bakti Rimba Bogor <i>Forestry Vocational School Bakti Rimba Bogor</i>	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP [Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi
28	Rezi Muhammad Rimba S	SMK Kehutanan Bakti Rimba Bogor	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi

		<i>Forestry Vocational School Bakti Rimba Bogor</i>	[Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]		
29	Muhamad Taufik Hidayat	SMK Kehutanan Bakti Rimba Bogor <i>Forestry Vocational School Bakti Rimba Bogor</i>	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP [Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi
30	Maulana Al Hadad	SMK Kehutanan Bakti Rimba Bogor <i>Forestry Vocational School Bakti Rimba Bogor</i>	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP [Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi
31	Racmania Putri	SMK Kehutanan Bakti Rimba Bogor <i>Forestry Vocational School Bakti Rimba Bogor</i>	Pengukuran Biomassa Hutan Arbiterum di SEAMEO BIOTROP [Measurement of Arbiterum Forest Biomass at SEAMEO BIOTROP]	Biosystem and Landscape Management Laboratory	Armaiki Yusmur, MSi
32	Muhammad Obdal Amfa	Institut Pertanian Bogor, Fakultas Perikanan dan Ilmu Kelautan (S1) <i>IPB University Faculty of Fisheries and Marine Science</i>	Aquaculture Ornamental Fish dan Aquaponics System	Aquatic Laboratory	Shella Marlinda, MSi
33	Nazwa Julliana Putri	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Analisis Kadar NH ₃ dan NO ₂ pada Udara Ambien [Analysis of NH ₃ and NO ₂ Levels in Ambient Air]	Water and Air Laboratory	Budi Cahyadi, SSi
34	Muhammad Azhar Nurriza	SMAK – BOGOR	Analisis Kadar NH ₃ dan NO ₂ pada Udara Ambien [Analysis of NH ₃ and NO ₂ Levels in Ambient Air]	Water and Air Laboratory	Budi Cahyadi, SSi

		Vocational School of Chemical Analysts-Bogor			
35	Erlin Julia Syafir	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Analisis Kadar NH ₃ dan NO ₂ pada Udara Ambien [Analysis of NH ₃ and NO ₂ Levels in Ambient Air]	Water and Air Laboratory	Dika Zulkarnaen, SSi
36	Kevin Akbar Putra Permana	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Analisis Kadar NH ₃ dan NO ₂ pada Udara Ambien [Analysis of NH ₃ and NO ₂ Levels in Ambient Air]	Water and Air Laboratory	Budi Cahyadi, SSi
37	Bintang Fajar Mauludin	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Penetapan pH dan Kejenuhan Basa pada Tanah Mineral Lahan Perkebunan Kelapa Sawit [Determination of pH and Base Saturation in Mineral Soils in Oil Palm Plantation]	Soil and Plant Laboratory	Eko Purwiyanto; Lidya Ayu Utami, SSi
38	Andi Muhammad Aghil Walasdani	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Penetapan pH P tersedia serta P Total pada Tanah Mineral [Determination of pH, Available P and Total P in Mineral Soils]	Soil and Plant Laboratory	Eko Purwiyanto; Risya Ayu Astari, SSi
39	Izzadin Hendradi	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Penentuan pH, Kejenuhan Aluminium serta Rasio C/N pada Tanah Mineral [Determination of pH, Aluminium Saturation and C/N Ratio in Mineral Soils]	Soil and Plant Laboratory	Eko Purwiyanto; Siti Sulastri Rangkuty, SSi
40	Marjallika Naufal Ramadhany	SMAK – BOGOR Vocational School of Chemical Analysts-Bogor	Penetapan pH serta Cu, Zn, Cd, Pb pada Lahan Perkebunan Kelapa Sawit [Determination of pH and Cu, Zn, Cd, Pb in Oil Palm Plantation]	Soil and Plant Laboratory	Eko Purwiyanto; Mutiara Hidayat

41	Putri Agisprastiwi	Sekolah Vokasi Institut Pertanian Bogor, (D3) <i>School of Vocational Studies, IPB University</i>	Kehumasan dan Multimedia [Public Relations and Multimedia]	Knowledge Management Department	Rima Febriana, SE Ak
42	Wali Al Faruq	Sekolah Vokasi Institut Pertanian Bogor, (D3) <i>School of Vocational Studies, IPB University</i>	Analisis Logam Terlarut dan Logam Total dalam Air Limbah Hasil Olahan Menggunakan ICP-MS [Analysis of Dissolved Metals and Total Metals in Treated Wastewater by using ICP-MS]	Water and Air Laboratory	Budi Cahyadi, SSi
43	Muhammad Dzikril Arifin	Sekolah Vokasi Institut Pertanian Bogor, (D3) <i>School of Vocational Studies, IPB University</i>	Penetapan pH, P tersedia serta P Total pada Tanah Mineral [Determination of pH, Available P and Total P in Mineral Soils]	Soil and Plant Laboratory	Eko Purwiyanto
44	Asmawati	Sumbawa Technopark (Staf)	Budidaya rumput laut in vitro secara kultur jaringan [<i>In vitro</i> Seaweed Cultivation by using Tissue Culture Technique]	Tissue Culture Laboratory	Dr Erina Sulistiani
45	Muhammad Obdal Amfa	Institut Pertanian Bogor, Fakultas Perikanan dan Ilmu Kelautan (S1) <i>IPB University Faculty of Fisheries and Marine Science</i>	Aquaculture Ornamental Fish dan Aquaponics System	Aquatic Laboratory	Shella Marlinda, MSi
46	Siti Sarah Nisriana Sopuan	Institut Pertanian Bogor, Fakultas Perikanan dan Ilmu Kelautan (S1) <i>IPB University Faculty of Fisheries and Marine Science</i>	Aquaculture Ornamental Fish dan Aquaponics System	Aquatic Laboratory	Shella Marlinda, MSi
47	Tabina Sakina Ramadhani	Universitas Brawijaya, Fakultas Teknologi Pertanian (S1) <i>Universitas Brawijaya, Faculty of Agricultural Technology</i>	Budidaya Tanaman dengan Menggunakan Teknik Kultur Jaringan [Plant Cultivation by using Tissue Culture Technique]	Tissue Culture Laboratory	Dr Erina Sulistiani

48	Panji Dwi Anggoro	Universitas Diponegoro, Fakultas Peternakan dan Pertanian (S1) <i>Universitas Diponegoro, Faculty of Animal Husbandry and Agriculture</i>	Teknik Isolasi, identifikasi, Perbanyakkan Fungi Mikoriza Arbuskula menggunakan Tanaman inang Sorghum sp. di SEAMEO BIOTROP [Isolation, Identification and Propagation Techniques of Arbuscular Mycorrhizal Fungi by using <i>Sorghum</i> sp. as host plant at SEAMEO BIOTROP]	Biosystem and Landscape Management Laboratory	Risa Rosita, SSi
49	Grace Easteria	Institut Pertanian Bogor, Pascasarjana, Fakultas Perikanan dan Ilmu Kelautan (S2) <i>IPB University Faculty of Fisheries and Marine Science</i>	Analisis kesuburan tanah [Soil Fertility Analysis]	Soil and Plant Laboratory	Eko Purwiyanto
50	Iklima Wafiatul Ahdi	Magang mandiri <i>Independent internship</i>	Administrasi Perkantoran [Office Administration]	General Administration Department	Lidia Defita, SKom
51	Sifa Nuril Alhikam	SMK Sumpah Pemuda 2	Administrasi Perkantoran [Office Administration]	Human Resources Management Department	Yunita, SP
52	M Fahru Rozi	SMK Sumpah Pemuda 2	Administrasi Perkantoran [Office Administration]	Human Capacity and Innovation Department	Ulfah Zul Farisa, SHut
53	Nuramelia Safitri	SMK Sumpah Pemuda 2	Administrasi Perkantoran [Office Administration]	Human Capacity and Innovation Department	Ulfah Zul Farisa, SHut
54	Putri Sabila	SMK Sumpah Pemuda 2	Administrasi Perkantoran [Office Administration]	Research Hub and Innovation Department	Aan Darwati, SAK
55	Samuel Setiono	Universitas Pelita Harapan, Fakultas Sains dan Teknologi (S1)	Budidaya Tanaman dengan Menggunakan Teknik Kultur Jaringan	Tissue Culture Laboratory	Dr Erina Sulistiani

		<i>Universitas Pelita Harapan, Faculty of Science and Technology</i>	[Plant Cultivation by using Tissue Culture Technique]		
56	Jonathan Suciono Purnomo	Universitas Pelita Harapan, Fakultas Sains dan Teknologi (S1) <i>Universitas Pelita Harapan, Faculty of Science and Technology</i>	Budidaya Tanaman dengan Menggunakan Teknik Kultur Jaringan [Plant Cultivation by using Tissue Culture Technique]	Tissue Culture Laboratory	Dr Erina Sulistiani
57	Jason Gilbert Gaofman	Universitas Pelita Harapan, Fakultas Sains dan Teknologi (S1) <i>Universitas Pelita Harapan, Faculty of Science and Technology</i>	Budidaya Tanaman dengan Menggunakan Teknik Kultur Jaringan [Plant Cultivation by using Tissue Culture Technique]	Tissue Culture Laboratory	Dr Erina Sulistiani
58	Anton Agus Pratomo	Institut Teknologi Bandung, Program Studi Rekayasa Pertanian (S1) <i>Institut Teknologi Bandung, Study Program Agricultural Engineering</i>	Produksi Bibit Unggul Pisang Raja Bulu Secara <i>In-vitro</i> dengan Teknik Kultur Jaringan [Production of Superior Seedlings of Raja Bulu Banana through <i>In-vitro</i> Method by using Tissue Culture Technique]	Tissue Culture Laboratory	Dr Erina Sulistiani
59	Anisa Nur Fatimah	Institut Teknologi Bandung, Program Studi Rekayasa Pertanian (S1) <i>Institut Teknologi Bandung, Study Program Agricultural Engineering</i>	Produksi Bibit Unggul Pisang Cavendish Secara <i>In-vitro</i> dengan Teknik Kultur Jaringan [Production of Superior Seedlings of Cavendish Banana through <i>In-vitro</i> Method by using Tissue Culture Technique]	Tissue Culture Laboratory	Dr Erina Sulistiani
60	Putri Kania Nur Tahera	Institut Teknologi Bandung, Program Studi Rekayasa Pertanian (S1) <i>Institut Teknologi Bandung, Study Program Agricultural Engineering</i>	Produksi Bibit Unggul Pisang Barangan Secara <i>In-vitro</i> dengan Teknik Kultur Jaringan [Production of Superior Seedlings of Barangan Banana through <i>In-vitro</i> Method by using Tissue Culture Technique]	Tissue Culture Laboratory	Dr Erina Sulistiani

61	Amenia Kahfi	Universitas Esa Unggul, Fakultas Ilmu-Ilmu Kesehatan (S1) <i>Universitas Esa Unggul, Faculty of Health Sciences</i>	Optimasi Konsentrasi Disinfektan dan Lama Perendaman terhadap Benih <i>Acacia mangium</i> [Optimizing the Concentration of Disinfectant and Immersion Time for <i>Acacia mangium</i> seeds]	Biotechnology Laboratory	Dewi Rahmawati, MSi
62	Meisya Then	Universitas Esa Unggul, Fakultas Ilmu-Ilmu Kesehatan (S1) <i>Universitas Esa Unggul, Faculty of Health Sciences</i>	Optimasi Konsentrasi Disinfektan dan Lama Perendaman terhadap Benih <i>Acacia mangium</i> [Optimizing the Concentration of Disinfectant and Immersion Time for <i>Acacia mangium</i> seeds]	Biotechnology Laboratory	Dewi Rahmawati, MSi
63	Atikah	Universitas Esa Unggul, Fakultas Ilmu-Ilmu Kesehatan (S1) <i>Universitas Esa Unggul, Faculty of Health Sciences</i>	Toxigenic <i>Aspergillus flavus</i> Growth in Various Water Activity and Temperature In-vitro	Phytopathology Laboratory	Ir Ina Retnowati
64	Naomi Hanna Julieta	Universitas Padjadjaran, Fakultas Pertanian (S1) <i>Universitas Padjadjaran, Faculty of Agriculture</i>	Budidaya intensif jeruk kalifornia [Intensive Cultivation of California Oranges]	Natural Product Laboratory	Dr Supriyanto
65	Shafira Adzra Erminabilah	Universitas Padjadjaran, Fakultas Pertanian (S1) <i>Universitas Padjadjaran, Faculty of Agriculture</i>	Pengaruh waktu perendaman thallus menggunakan povidone iodine terhadap pertumbuhan thallus dan warna thallus pada rumput laut [Effect of seaweed thallus immersion time in povidone-iodine on its growth and color]	Tissue Culture Laboratory	Dr Erina Sulistiani
66	Pauline Elisabeth	Universitas Padjadjaran, Fakultas Pertanian (S1) <i>Universitas Padjadjaran, Faculty of Agriculture</i>	Pengaruh waktu perendaman thallus menggunakan sabun cair terhadap pertumbuhan thallus pada rumput laut [Effect of seaweed thallus immersion time in liquid soap on its growth]	Tissue Culture Laboratory	Dr Erina Sulistiani

67	Nurullita Fitri Qurnia	Universitas Padjadjaran, Fakultas Pertanian (S1) <i>Universitas Padjadjaran, Faculty of Agriculture</i>	Manajemen Budidaya Tanaman Pakcoy Hidroponik dengan sistem NFT [The Management of Pakcoy Cultivation by using Hydroponics NFT System]	Hydroponics Unit	Riana Hartati, SSi
68	Brigita Renggi	Universitas Padjadjaran, Fakultas Pertanian (S1) <i>Universitas Padjadjaran, Faculty of Agriculture</i>	Budidaya dan Produksi Sayuran Secara Hidroponik [Cultivation and Production of Vegetables by using Hydroponics]	Hydroponics Unit	Riana Hartati, SSi
69	Lussi Yana Sari	Institut Teknologi Sumatera, Program Studi Teknik Biosistem (S1) <i>Institut Teknologi Sumatera, Study Program Biosystem Engineering</i>	Teknik Budidaya Jamur Pangan dan Pengolahannya [Cultivating and Processing Edible Mushroom]	Mushroom Cultivation Unit	Dr Erina Sulistiani
70	Orizawati	Institut Teknologi Sumatera, Program Studi Teknik Biosistem (S1) <i>Institut Teknologi Sumatera, Study Program Biosystem Engineering</i>	Teknik Budidaya Jamur Pangan dan Pengolahannya [Cultivating and Processing Edible Mushroom]	Mushroom Cultivation Unit	Dr Erina Sulistiani
71	Risa Cecillia Putri	Institut Teknologi Sumatera, Program Studi Teknik Biosistem (S1) <i>Institut Teknologi Sumatera, Study Program Biosystem Engineering</i>	Perkembangan Model Hidroponik Di Dalam dan Di Luar GreenHouse untuk Komoditas Sayuran dan Bunga [Developing Outdoor and Indoor Hydroponics Models for Cultivating Vegetables and Flowers]	Hydroponics Unit	Riana Hartati, SSi
72	Arri Jalu Jannata	Institut Teknologi Sumatera, Program Studi Teknik Biosistem (S1) <i>Institut Teknologi Sumatera, Study Program Biosystem Engineering</i>	Teknik Penyulingan Minyak Atsiri [Distillation Techniques for Essential Oils]	Natural Product Laboratory	Dr Supriyanto

73	Marsellinda Julianti	SMK Plus Pelita Nusantara Bogor	Teknik Komputer Jaringan [Computer Network Engineering]	Facility Management Department	Lukman Haris, SSi
74	Novita Safitri	SMK Plus Pelita Nusantara Bogor	Teknik Komputer Jaringan [Computer Network Engineering]	Facility Management Department	Lukman Haris, SSi
75	Adinda Salsabila	SMK Plus Pelita Nusantara Bogor	Teknik Komputer Jaringan [Computer Network Engineering]	Facility Management Department	Lukman Haris, SSi
76	Salwa Salisya	SMK Plus Pelita Nusantara Bogor	Teknik Komputer Jaringan [Computer Network Engineering]	Facility Management Department	Lukman Haris, SSi
77	Karina Varsha	SMK Plus Pelita Nusantara Bogor	Multimedia	Knowledge Management Department	Haritz Cahya Nugraha, MT
78	Rahmalia Fadillah	SMK Plus Pelita Nusantara Bogor	Multimedia	Knowledge Management Department	Haritz Cahya Nugraha, MT
79	Muhammad Ervan Nurhames	Universitas Bengkulu, Fakultas Pertanian (S1) <i>Universitas Begkulu, Faculty of Agriculture</i>	Manajemen Budidaya Tanaman Pakcoy Hidroponik dengan sistem NFT [The Management of Pakcoy Cultivation by using Hydroponics NFT System]	Hydroponics Unit	Riana Hartati, SSi
80	Pebi Putra Julius	Universitas Bengkulu, Fakultas Pertanian (S1) <i>Universitas Begkulu, Faculty of Agriculture</i>	Budidaya dan Produksi Sayuran Secara Hidroponik [Cultivation and Production of Vegetables by using Hydroponics]	Hydroponics Unit	Riana Hartati, SSi
81	Gally Ramadhan	Universitas Bengkulu, Fakultas Pertanian (S1)	Teknik Budidaya Jamur Pangan dan Pengolahannya	Mushroom Cultivation Unit	Dr Erina Sulistiani

		<i>Universitas Begkulu, Faculty of Agriculture</i>	[Cultivating and Processing Edible Mushroom]		
82	Riski Derianto	Universitas Bengkulu, Fakultas Pertanian (S1) <i>Universitas Begkulu, Faculty of Agriculture</i>	Teknik Budidaya Jamur Pangan dan Pengolahannya [Cultivating and Processing Edible Mushroom]	Mushroom Cultivation Unit	Dr Erina Sulistiani
83	Rika Nadia Utami	Universitas Bengkulu, Fakultas Pertanian (S1) <i>Universitas Begkulu, Faculty of Agriculture</i>	Teknik Budidaya Jamur Pangan dan Pengolahannya [Cultivating and Processing Edible Mushroom]	Mushroom Cultivation Unit	Dr Erina Sulistiani
84	Muhammad Ariq Murfid	Universitas Garut, Fakultas Pertanian <i>Universitas Garut, Faculty of Agriculture</i>	Storage Pest Control	Entomology Laboratory	Sri Widayanti, MSi

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Appendix 5. BIOTROP Publications

A. Articles, Technical Papers in Peer-Reviewed Journals and Proceedings

- R Purbakawaca, **AS Yuwono**, SK Saptomo, KB Seminar, IDM Subrata, M Rahmat, H Alatas. 2021. Measurement of PM10 concentration using hybrid cyclone separator and particle counter. 2nd International Conference on Green Energy Technology (ICGET 2017). In IOP Conference Series: Earth and Environmental Science
- Hardjomidjojo H, **Imantho H**, Damayanti A. 2020. Spatial Dynamic Modeling for Increasing the Competitiveness of Small Medium Enterprises: Case Study of Bogor City, West Java, Indonesia (Book Chapter). Economics, Business, and Islamic Finance in ASEAN Economics Community. IGI Global. pp. 16-30. DOI:10.4018/978-1-7998-2257-8.ch002.
- Seminar KB, Aditya EL, **Imantho H**, Purnama DG, Yani A, Cyrilla L. 2020. The Development of an e-Traceability System for Cattle Delivery Chains. International Journal of Supply Chain Management Vol. 9, No. 5, pp. 1350-8.
- Mansur I, Supriyanto, Imantho H, Sugiarto SW, Situmorang, J.** 2020. Channeling Agriculture Innovation Transfer from Universities and Research Centre to Vocational High Schools: Lesson Learned from Indonesia. Journal of Southeast Asian Education Vol. 2 (Dec).
- Sutrisno D, Darmawan M, Rahadiati A, Helmi M, **Yusmur A**, Hashim M, Shih PTY, Qin R and Zhang L. 2021. Spatial-Planning-Based Ecosystem Adaptation (SPBEA): A Concept and Modeling of Prone Shoreline Retreat Areas. ISPRS International Journal of Geo-Information 10, 176: 1-21.
- Imran Z, Sugiarto SW, Imantho H, Purwonegoro B.** 2020. The Real Time Participatory Mapping for Disaster and Emergency Preparedness Model. Journal of Southeast Asian Education Vol 1: 111-22.

B. Journals and Newsletters

- Biotropia Vol. 27 No. 2 August 2020. In: SEAMEO BIOTROP, Bogor. 91 p.
- Biotropia Vol. 27 No. 3 December 2020. In: SEAMEO BIOTROP, Bogor. 113 p.
- Biotropia Vol. 28 No. 1 April 2021. In: SEAMEO BIOTROP, Bogor. 91 p
- Biotrop courier Vol. XXII Quarter 3 2020. In: SEAMEO BIOTROP, Bogor. 12 p.
- Biotrop courier Vol. XXII, Quarter 4 2020. In: SEAMEO BIOTROP, Bogor. 12 p.
- Biotrop courier Vol. XXIII, Quarter 1 2021. In: SEAMEO BIOTROP, Bogor. 12 p
- Biotrop courier Vol. XXIII, Quarter 2 2021. In: SEAMEO BIOTROP, Bogor. 12 p

C. Monographs

Rahmawati D. 2020. Modul Teknik Pengoperasian Laboratorium Bioteknologi. SEAMEO BIOTROP, Bogor .99 p

Tjitrosoedirdjo S, Setyawati T, Tjitrosoedirdjo SS. 2020. Panduan Melakukan Survei Tumbuhan Invasif. SEAMEO BIOTROP, Bogor. 150 p.

Yuwono AS, Hartati R, Marlinda S (et al). 2020. Modul Pelatihan Kebun Sekolah. SEAMEO BIOTROP, Bogor. 98 p.

D. Proceeding

Paembonan SA, **Mansur I**, Husna, Tuheteru FD, Arif A, Albasri, (eds.). 2019. SEAMEO BIOTROP Special Publication No. 73. BIOTROP, Bogor. Prosiding Seminar Nasional Silvikultur VI: Penerapan Silvikultur untuk Pengelolaan Hutan dan Pengentasan Kemiskinan. SEAMEO BIOTROP, Bogor. 395 p.

E. Research Reports

Aini NK. 2020. Haplotype Diversity and Population Subdivision of the Indian (*Tachypleus gigas*) Horseshoe Crab for Monitoring Conservation in Indonesia. SEAMEO BIOTROP, Bogor. 34 p.

Aswandi, Kholibrina CR, Supriyanto. 2020. Increasing the Added Value of StyraX Essential Oil through Innovation of Personal Care and Beauty Products. SEAMEO BIOTROP, Bogor. 66 p.

Dharmaputra OS, Retnowati I, Ambarwati S, Nurfadila N. 2020. Powder Formulation of Yeast to Control Ochratoxin-A Production in Arabica Coffee. SEAMEO BIOTROP, Bogor. 26 p.

Fauzi IA, Marlinda S, Yana. 2020. The use of Watermelon Rind as Functional Feed Ingredient for *Cherax quadricarinatus*. SEAMEO BIOTROP, Bogor. 28 p.

Fitra D. 2020. Development Study of Chicken Kampung (*Gallus domesticus*) with Free Range System in Peatland, Riau Province. SEAMEO BIOTROP, Bogor. 21 p.

Harahap IS, Widayanti S, Asnan TAW, Widhiastuti H. 2020. Insect Infestation of Rice Pests: Analysis of Loss of Results and Development of Fumigation Protocol for Insects Management Resistance *Cryptolestes* sp. against Phosphine in the Field. SEAMEO BIOTROP, Bogor. 66 p.

Husna, Tuheteru FD, Basrudin, Arif A. 2020. Propagation of Eha (*Castanopsis buruana* Miq.), in Supporting of Development Plantation Forest in Sulawesi. SEAMEO BIOTROP, Bogor. 46 p.

Impron, Setiawan Y, Imantho H, Endiviana OA, Sugiarto SW, Yuliawan T. 2020. Development of

- Spatial Decision Support System for Village Based National Rice Production (Phase 1: Developing Baseline of Spatially-Explicit Dynamic Model). SEAMEO BIOTROP, Bogor. 75 p.
- Krisanti M, Erliani EW. 2020. Genetic Diversity and Structure Analysis of *Sipuncula* in Banda Islands. SEAMEO BIOTROP, Bogor. 31 p.
- Munif A, Gusmaini, Herliyana EN. 2020. Technology Endophytic Bacteria for Healthy Seedling and Plant Health Improvement of Pepper. SEAMEO BIOTROP, Bogor. 51 p.
- Siregar I, Pamoengkas, P, Majiudu M. 2020. Collection of Reproductive Materials of Ebony (*Diospyros celebica*) Based on Genetic Information. SEAMEO BIOTROP, Bogor. 25 p.
- Siregar UJ, Hartati S. 2020. Genotyping Sengon (*Falcataria moluccana*) Resistant to Boktor Pest (*Xystrocera festiva*) and Gall Rust Disease (*Uromykladium falcatarium*) Using Genomics Data. SEAMEO BIOTROP, Bogor. 55 p.
- Surono, Annisa W, Yuniarti E, Susilowati DN, Soekarno BPW, Nurjaya, Suryadi Y, Wijayanti M, Aksani D. 2020. The Application of Dark Septate Endophytic Fungi (DSE) to Promote Rice Production in Acidic Stress Conditions in Kalimantan Swamp Land. SEAMEO BIOTROP, Bogor. 27 p.
- Tjitrosoedirdjo SS, Tjitrosemito S, Bachri S, Wahyuni I, Irawan, Ridwantara I. 2020. Biological Studies of *Chimonobambusa quadrangularis*, an Exploration of Its Potency of Consumable Young Shoot. SEAMEO BIOTROP, Bogor. 24 p.
- Winugroho M, Soedharma IM, Widiawati Y, Sajimin, Kusumaningrum A, Pratiwi Siska. 2020. Integration of Oil Palm Plants with Cows to Increase Farmer's Income through Utilization of Palm Oil Waste and Manure and Intercropping. SEAMEO BIOTROP, Bogor. 43 p.
- Wulandari D, Agus C, Maulana AF, Hasanah NAI, Wahyudi R, Ikay S. 2020. Application of Selected Microbe and Modified Organic Soil Amendment into Selected Plant Species to Restore Degraded Karst Area, Imogiri Yogyakarta. SEAMEO BIOTROP, Bogor. 50 p.
- Yetti E, Sunarya Y, Wardhani FP. 2020. The Use of Local Marine Bacteria from Indonesian Environment for Development of Industrial Textiles Dye (Indigo). SEAMEO BIOTROP, Bogor. 28 p.
- Yuliani S, Widayanti S, Asnan TAW, Widhiastuti H, Wahyuningsih K. 2020. Development of Nano-Encapsulation of Mint Oil for Use as Fumigant for Controlling Stored Product Insect Pest *Tribolium castaneum*. SEAMEO BIOTROP, Bogor.
- Yusmur A, Wahyuni I, Bachri S. 2020. Floating Garden for Acid Mine Drainage Treatment. SEAMEO BIOTROP, Bogor. 27 p.
- Yuwono AS, Wardiatno Y, Widyastuti R, Wulandari D. 2020. Development of Ecosystem Health Indexes in Indonesia (3rd Year). SEAMEO BIOTROP, Bogor. 32 p.

F. Multimedia for Promotional Materials

Videos

Belajar Budidaya Lobster Air Tawar (*Cherax quadricarinatus*)

<https://www.youtube.com/watch?v=ks35eGNcmIU>

Mengenal lebih dekat Lebah Trigona sp. (https://www.youtube.com/watch?v=afE_yY5j0U0)

Tahapan Budidaya Tanaman Secara Hidroponik
(<https://www.youtube.com/watch?v=cJdPDweu3xc>)

SEAMEO BIOTROP di era New Normal Era (<https://youtu.be/hhiGAK-762A>)

SEAMEO BIOTROP Virtual Tour 2020 (<https://www.youtube.com/watch?v=O2htgl7bz5M>)

BIO Sync Episode 1 - Biodiversitas di Era milenial
(<https://www.youtube.com/watch?v=QhZuvjMHf60>)

BIO Sync Episode 2 - Apartemen Lobster (<https://www.youtube.com/watch?v=7dq8lvC8kFM>)

Brochure and Booklet

SEAMEO BIOTROP Capacity Building Program

SEAMEO BIOTROP Entomology Laboratory

SEAMEO BIOTROP Weeds and Invasive Alien Plant Species Laboratory

Technical Guide on Banana Cultivation using Tissue Culture in SEAMEO BIOTROP

Policy Brief: Urgensi Kajian Lingkungan Hidup Strategis: Rencana Zonasi Wilayah Pesisir dan Pulau-Pulau Kecil dalam Rangka Mendorong Kontribusi Ekonomi Provinsi Papua [The Urgency of Strategic Environmental Studies: Zoning Plans for Coastal Areas and Small Islands in the Framework of Encouraging the Economic Contribution of Papua Province]

Infographics

5M to prevent Covid-19

Right way to use mask

Optimizing Immunity after Vaccine

SEAMEO BIOTROP Visiting Protocol

Kawasan Wajib Masker [Mandatory Mask Area]

9 Faktor Keberhasilan Hidroponik [9 Factor of Successful Hydroponic

Protokol Kesehatan Selama Bekerja Di Lingkungan Kantor SEAMEO BIOTROP Dalam Rangka Pencegahan Penyebaran Covid-19 [Health Protocols While Working in the SEAMEO BIOTROP Office Environment in the Context of Preventing the Spread of Covid-19]

APPENDIX 6. Scientific Training Courses, Workshops, Conferences and Symposia Attended by SEAMEO BIOTROP's Staff during FY 2020/2021

NO.	NAME	TITLE OF ACTIVITY	VENUE AND DATE	TITLE OF PAPER PRESENTED
1.	Zulkarnaen Noor Syarif, SKom	Pelatihan Makers Creation 2020 IoT for Resilience in The Face of Pandemics: Pengembangan Perangkat IoT untuk Komersialisasi [Training on Makers Creation 2020 ToT for Resilience in the Face of Pandemics: Development of ToT Devices for Commercialization] Organized by: Kominfo	1 July 2020	Participant
2.	Ir Ina Retnowati	Webinar Mikoina “Polyporales: Benarkah Jamur ini selalu banyak pori? Dan Lentinus Indonesia dan Tropis [Webinar Mikoina “Polyporales: Is it true that this fungus always has lots of pores? And the Indonesian Lentinus and the Tropics] Organized by: Perhimpunan Mikologi Indonesia	1 July 2020	Participant
3.	Nijma Nurfadila, SSi	Webinar Mikoina “Polyporales: Benarkah Jamur ini selalu banyak pori? Dan Lentinus Indonesia dan Tropis [Webinar Mikoina “Polyporales: Is it true that this fungus always has lots of pores? Dan Lentinus Indonesia and the Tropics] Organized by: Perhimpunan Mikologi Indonesia	1 July 2020	Participant
4.	Ir Ina Retnowati	Bincang Bareng Klinik Tanaman dengan topik Cabai Jelang Musim Kemarau: Waspada Virus Kuning dan Daun Keriting [Talkshow with Plant Clinic on Maintaining Chili Plants before Dry Season: Beware of Yellow Virus and Curly Leaves] Organized by: FAPERTA-IPB University	2 July 2020	Participant
5.	Dewi Rahmawati, MSi	Bincang Bareng Klinik Tanaman dengan topik Cabai Jelang Musim Kemarau: Waspada Virus Kuning dan Daun Keriting [Talkshow with Plant Clinic on Maintaining Chili Plants before Dry Season: Beware of Yellow Virus and Curly Leaves] Organized by: FAPERTA-IPB University	2 July 2020	Participant
6.	Dewi Rahmawati, MSi	Webinar Tanaman Obat sebagai Peningkat Imunitas Tubuh [Webinar on Medicinal Plants as Immunity Enhancers] Organized by: Direktorat Jenderal Hortikultura, Direktorat Sayuran dan Tanaman Obat	2 July 2020	Participant
7.	Ratnaningsih, SSi	Webinar Tanaman Obat sebagai Peningkat Imunitas Tubuh [Webinar on Medicinal Plants as Immunity Enhancers] Organized by: Direktorat Jenderal Hortikultura, Direktorat Sayuran dan Tanaman Obat	2 July 2020	Participant
8.	Dewi Rahmawati, MSi	Virtual Seminar: Diversifikasi Pangan Lokal untuk Ketahanan Pangan [Virtual Seminar: Local Food Diversification for Food Security] Organized by: Kementerian Pertanian	2 July 2020	Participant
9.	Armaiki Yusmur,	Webinar Seri#11-Rangkaian Acara 30 Tahun	2 July 2020	Participant

	MSi	<p>MAPIN dengan topik: Pengelolaan Sumberdaya Alam melalui Keilmuan Geospasial [Webinar Series #11-MAPIN 30 Years Series of Events with the topic: Natural Resource Management through Geospatial Science]</p> <p>Organized by: Masyarakat Ahli Penginderaan Jauh Indonesia (MAPIN)</p>		
10.	Bambang Sulistio, SSi	<p>Webinar Bantuan Hukum untuk Pelaku PBJ Pemerintah [Webinar on Legal Aid for Governmental Officers in the Procurement Section].</p> <p>Organized by: KM & Partners</p>	3 July 2020	Participant
11.	Sri Widayanti, MSi	<p>Webinar Nasional Biologi dengan tema Dampak Penggunaan Disinfektan Terhadap Serangga Pemukiman dan Serangga Pertanian pada Masa Pandemi [National Biology Webinar on The Impact of the Use of Disinfectants on Residential Insects and Agricultural Insects during a Pandemic]</p> <p>Jointly organized by: Jurusan Biologi, Fakultas Sains dan Teknologi UIN Alauddin Makassar bekerja sama dengan Prodi Biologi FMIPA Universitas TanJuneg Pura dan PEI</p>	4 July 2020	Participant
12.	Trijanti A. Widinni Asnan, MSi	<p>Webinar Nasional Biologi dengan tema Dampak Penggunaan Disinfektan Terhadap Serangga Pemukiman dan Serangga Pertanian pada Masa Pandemi [National Biology Webinar on the Impact of the Use of Disinfectants on Residential Insects and Agricultural Insects during a Pandemic]</p> <p>Jointly organized by: Jurusan Biologi, Fakultas Sains dan Teknologi UIN Alauddin Makassar bekerja sama dengan Prodi Biologi FMIPA Universitas TanJuneg Pura dan PEI</p>	4 July 2020	Participant
13.	Sri Ismawati Soerianegara, MSc	<p>Pelatihan Menulis Artikel Opini Populer [Training Course on Writing Popular Opinion Article]</p> <p>Organized by: Forest Digest</p>	4 July 2020	Participant
14.	Rima Febriana, SE, Ak	<p>Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video]</p> <p>Organized by: SEAMEO BIOTROP</p>	6-13 July 2020	Participant
15.	Haritz Cahya Nugraha, MT	<p>Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video]</p> <p>Organized by: SEAMEO BIOTROP</p>	6-13 July 2020	Participant
16.	Asep Saepudin	<p>Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video]</p> <p>Organized by: SEAMEO BIOTROP</p>	6-13 July 2020	Participant
17.	Woro Kanti Darmasuti, MSi	<p>Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video]</p> <p>Organized by: SEAMEO BIOTROP</p>	6-13 July 2020	Participant
18.	Sri Ismawati	Workshop Penulisan Naskah dan Pembuatan	6-13 July	Participant

	Soerianegara, MSc	Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video] Organized by: SEAMEO BIOTROP	2020	
19.	Dani Yudi Trisna, AMd	Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video] Organized by: SEAMEO BIOTROP	6-13 July 2020	Participant
20.	Zanne Sandriati Putri, SSI	Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video] Organized by: SEAMEO BIOTROP	6-13 July 2020	Participant
21.	Puput Nisausholiha, SPI	Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video] Organized by: SEAMEO BIOTROP	6-13 July 2020	Participant
22.	Lillys Betty Yuliawati, SSI	Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video] Organized by: SEAMEO BIOTROP	6-13 July 2020	Participant
23.	Riana Hartati, SSI	Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video] Organized by: SEAMEO BIOTROP	6-13 July 2020	Participant
24.	Shella Marlinda, MSi	Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video] Organized by: SEAMEO BIOTROP	6-13 July 2020	Participant
25.	Trijanti A. Widinni Asnan, MSi	Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video] Organized by: SEAMEO BIOTROP	6-13 July 2020	Participant
26.	Riza Fadli Assegaf	Workshop Penulisan Naskah dan Pembuatan Video Edukasi [Workshop on Scriptwriting and the Making of Educational Video] Organized by: SEAMEO BIOTROP	6-13 July 2020	Participant
27.	Ir Ina Retnowati	Webinar Mikoina "Pucciniomycotina: Basidiomiset Renik yang Berkarat [Mikoina Webinar on "Pucciniomycotina: Rusty Microbial Basidiomycetes] Organized by: Perhimpunan Mikologi Indonesia	6 July 2020	Participant
28.	Nijma Nurfadila, SSI	Webinar Mikoina "Pucciniomycotina: Basidiomiset Renik yang Berkarat [Mikoina Webinar on "Pucciniomycotina: Rusty Microbial Basidiomycetes]	6 July 2020	Participant

		Organized by: Perhimpunan Mikologi Indonesia		
29.	Dewi Rahmawati, MSi	Webinar Modeling with NLP (Solusi Akselerasi Kompetensi Planter) [Webinar on Modeling with NLP (Planter Competency Acceleration Solution)] Organized by: BPI (Best Planter Indonesia)	6 July 2020	Participant
30.	Armaiki Yusmur, MSi	Webinar Pengolahan Limbah [Webinar on Waste Treatment] Organized by: PSLH ITB	6 July 2020	Participant
31.	Dewi Rahmawati, MSi	Webinar Budidaya Tanaman Obat [Webinar on Medicinal Plant Cultivation] Organized by: Biofarmaka IPB University	7 July 2020	Participant
32.	Dewi Rahmawati, MSi	Peran Mikroba dalam Menunjang Kesuburan dan Kesehatan Tanah [The Role of Microbes in Supporting Soil Fertility and Health] Organized by: BPI (Best Planter Indonesia)	7 July 2020	Participant
33.	Anidah, MTP	Pelatihan Online Penerapan Sistem Jaminan Halal di UMKM [Online Training on the Implementation of the Halal Assurance System in UMKM] Jointly organized by: Indonesia Halal Training and Education Center (Ihatec)	7 July 2020	Participant
34.	Armaiki Yusmur, MSi	Webinar on Emerging Technologies in Onsite Wastewater Treatment Organized by: PSLH ITB	8 July 2020	Participant
35.	Dewi Rahmawati, MSi	Webinar: Bioteknologi Tanaman untuk Adaptasi Perubahan Iklim [Webinar on Plant Biotechnology for Climate Change Adaptation] Organized by: BB Biogen	8 July 2020	Participant
36.	Ir Ina Retnowati	Webinar Faperta Unmul 2020 Seri 3 dengan tema Inovasi Pengendalian Hama dan Penyakit Tanaman Tropika Basah [Faperta UNMUL 2020 Webinar Series 3 on Wet Tropical Plant Pest and Disease Control] Organized by: Mulawarman University	9 July 2020	Participant
37.	Nijma Nurfadila, SSi	Webinar: Inovasi Pengendalian Hama dan Penyakit Tanaman Tropika Basah [Webinar on Wet Tropical Plant Pest and Disease Control Innovation] Organized by: Universitas Mulawarman	9 July 2020	Participant
38.	Ir Ina Retnowati	Webinar Mikrobiologi dan Kita#1 dengan materi 1 "Proteksi Alami terhadap Covid-19" dan materi 2 "Potensi Jamur sebagai Immunostimulan dan Antivirus" [Webinar on Microbiology and Us #1 with material 1 "Natural Protection against Covid-19" and material 2 "Potential of Fungi as Immunostimulant and Antivirus"] Joint organized by: Pascasarjana Mikrobiologi IPB dan Himpunan Mikrobiologi Cabang Bogor	9 July 2020	Participant

39.	Dewi Rahmawati, MSi	Webinar AGH Seri 03: Peningkatan Produksi Sayuran Nasional untuk Mengurangi Ketergantungan Import [AGH Webinar Series 03: Increasing National Vegetable Production to Reduce Import Dependence] Joint organized by: Departemen Agronomi dan Hortikultura, Fakultas Pertanian, IPB University	9 July 2020	Participant
40.	Santi Ambarwati, MSi	Webinar: Akuntabilitas pengujian untuk pendukung Pengelolaan Lingkungan Hidup [Webinar on Testing Accountability for Environmental Management Supporters] Joint organized by: Pusat Penelitian dan Pengembangan Kualitas Laboratorium Lingkungan- KLHK dan Badan Standardisasi Nasional	9 July 2020	Participant
41.	Ir Ina Retnowati	Seminar Online Mikoina: Mengenal Termitomyces dan Pembudidayanya [Mikoina Online Seminar: Knowing Termitomyces and Cultivators] Organized by: Perhimpunan Mikologi Indonesia	10 July 2020	Participant
42.	Nijma Nurfadila, SSi	Seminar Online Mikoina: Mengenal Termitomyces dan Pembudidayanya [Mikoina Online Seminar: Knowing Termitomyces and Cultivators] Organized by: Perhimpunan Mikologi Indonesia	10 July 2020	Participant
43.	Herni Widhiastuti, SSi	Webinar Nasional kehutanan seri #2 "Potensi Produk Lebah Madu dan Bambu sebagai HHBK Unggulan Indonesia" [National Forestry Webinar Series #2 "The Potential of Honeybee and Bamboo Products as Indonesia's Leading NTFPs"] Organized by: Universitas Halu Oleo	10 July 2020	Participant
44.	Sri Widayanti, MSi	Webinar Nasional kehutanan seri #2 "Potensi Produk Lebah Madu dan Bambu sebagai HHBK Unggulan Indonesia" [National Forestry Webinar Series #2 "The Potential of Honeybee and Bamboo Products as Indonesia's Leading NTFPs"] Organized by: Universitas Halu Oleo	10 July 2020	Participant
45.	Trijanti A. Widinni Asnan, MSi	Webinar Nasional kehutanan seri #2 "Potensi Produk Lebah Madu dan Bambu sebagai HHBK Unggulan Indonesia" [National Forestry Webinar Series #2 "The Potential of Honeybee and Bamboo Products as Indonesia's Leading NTFPs"] Organized by: Universitas Halu Oleo	10 July 2020	Participant
46.	Dewi Rahmawati, MSi	Webtalk Seri 2: Cabai Cantik di Lahan Sempit [Webtalk Series 2: Beautiful Chili in Limited Land Space]	11 July 2020	Participant
47.	Dr Irdika Mansur	Diskusi Kelompok Terpumpun Kolaborasi SEAMEO Centres Indonesia dan Sekolah Indonesia di Luar Negeri melalui Pelatihan Daring [Focus Group Discussion on Collaboration between SEAMEO Centers Indonesia and Indonesian Schools Abroad through Online Training] Organized by: Kementerian Pendidikan dan Kebudayaan	13 July 2020	Resource Person
48.	Dewi Rahmawati, MSi	Webinar Tanah Subur Belum Tentu Sehat [Webinar on Fertile Soil Is Not necessarily]	14 July 2020	Participant

		Healthy] Organized by: BPI (Best Planter Indonesia)		
49.	Dr Irdika Mansur	FGD Pengelolaan Lubang Tambang di Wilayah IKN [FGD on Mine Hole Management in the IKN Area] Organized by: Kementerian Perencanaan Pembangunan Nasional/Badan Perencanaan Pembangunan Nasional Republik Indonesia	14 July 2020	Resource Person: 1. Penilaian dan Pengklasifikasian Karakteristik Lubang Tambang Berdasarkan data Sekunder [Assessment and Classification of Mine Hole Characteristics Based on Secondary Data] 2. Rekomendasi Strategi Pengelolaan dan Rekomendasi Lubang Tambang [Recommendations on Management Strategy and on Mining Hole]
50.	Shella Marlinda, MSi	FGD Pengelolaan Lubang Tambang di Wilayah IKN [FGD on Mine Hole Management in the IKN Area] Organized by: Kementerian Perencanaan Pembangunan Nasional/Badan Perencanaan Pembangunan Nasional Republik Indonesia	14 July 2020	Resource Person: Lesson Learned dan Best Practices Reklamasi Lubang Tambang melalui Praktik Budidaya Ikan [Lesson Learned and Best Practices on Mine Hole Reclamation through Fish Cultivation Practices]
51.	Dr Irdika Mansur	Webinar Pelestarian Hutan Melalui Reklamasi Lahan Bekas Tambang [Webinar on Forest Conservation Through Reclamation of Ex-Mining Land] Organized by: Kementerian Koordinator Bidang Kemaritiman dan Investasi Republik Indonesia	14 July 2020	Resource Person: Keekonomian dalam Reklamasi Lingkungan Bekas Tambang [Economics in Reclamation of Ex-Mining Environment]
52.	Dr Irdika Mansur	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
53.	Dr Aslan	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
54.	Dr Zulhamsyah Imran	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
55.	Dr Idham Sakti Harahap	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
56.	Dewi Suryani, MM	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
57.	Tenni Wahyuni, AMd	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
58.	Rima Febriana, SE, Ak	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
59.	Prof Dr Okky Setyawati Dharmaputra	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
60.	Dr Sri Sudarmiyati	SEAMEO Centre Director Meeting	15-16 July	Participant

	Tjitrosoedirdjo	Organized by: SEAMEO Secretariat	2020	
61.	Dr Soekisman Tjitrosemito	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
62.	Rizkia Tirtani	SEAMEO Centre Director Meeting Organized by: SEAMEO Secretariat	15-16 July 2020	Participant
63.	Dewi Rahmawati, MSi	Webinar Pemanfaatan Lahan Sub-Optimal Mendukung Ketahanan Pangan [Webinar on SubOptimal Land Use in Supporting Food Security] Organized by: BPTP Balitbangtan Kaltim	15 July 2020	Participant
64.	Nijma Nurfadila, SSI	Seminar Online Mikoina: Jamur Obat dan Jamur Beracon [Mikoina Online Seminar: Medicinal Mushrooms and Poisonous Mushrooms] Organized by: Perhimpunan Mikologi Indonesia	15 July 2020	Participant
65.	Ir Ina Retnowati	Seminar Online Mikoina: Jamur Obat dan Jamur Beracon [Mikoina Online Seminar: Medicinal Mushrooms and Poisonous Mushrooms] Organized by: Perhimpunan Mikologi Indonesia	15 July 2020	Participant
66.	Herni Widhiastuti, SSI	Seminar Daring Nasional, Serangga dan Manusia: Sahabat atau Musuh? [National Online Seminar on Insects and Humans: Friends or Enemies?] Organized by: Perhimpunan Entomologi Indonesia (PEI) cabang Sumatera Barat bekerja sama dengan Fakultas Pertanian Universitas Andalas	15 July 2020	Participant
67.	Sri Widayanti, MSi	Seminar Daring Nasional, Serangga dan Manusia: Sahabat atau Musuh? [National Online Seminar on Insects and Humans: Friends or Enemies?] Organized by: Perhimpunan Entomologi Indonesia (PEI) cabang Sumatera Barat bekerjasama dengan Fakultas Pertanian Universitas Andalas	15 July 2020	Participant
68.	Jonner Situmorang, MSi	Webinar Wirausaha Online [Webinar on Online Entrepreneur] Organized by: Majelis Sinode GPIB, Jakarta	15 July 2020	Resource Person: Wirausaha Minyak Atsiri dan Produk Turunannya: Perfum Alami, Freshcare dan Massage Oil [Entrepreneurs of Essential Oils and Their Derivative Products: Natural Perfume, Freshcare and Massage Oil]
69.	Ir Ina Retnowati	Seminar Online Faperta UNMUL 2020 Seri 4: Inovasi Teknologi untuk Pengembangan Hasil Pertanian [Faperta UNMUL 2020 Online Seminar Series 4: Technological Innovation for Agricultural Product Development] Organized by: Universitas Mulawarman, Kalimantan Timur	16 July 2020	Participant
70.	Nijma Nurfadila, SSI	Seminar Online Faperta UNMUL 2020 Seri 4: Inovasi Teknologi untuk Pengembangan Hasil Pertanian [Faperta UNMUL 2020 Online Seminar Series 4: Technological Innovation for Agricultural Product	16 July 2020	Participant

		Development] Organized by: Universitas Mulawarman, Kalimantan Timur		
71.	Dewi Rahmawati, MSi	AGH Webinar Seri 04: Precision Breeding for Adaptation to Climate Change Organized by: Departemen Agronomi dan Hortikultura, Fakultas Pertanian - IPB university	16 July 2020	Participant
72.	Dr Irdika Mansur	Webinar Indonesian Coal Roundtable: Environmental Series “Reklamasi Bukan Basa- Basi” [Webinar on Indonesian Coal Roundtable: Environmental Series “Reclamation Is Not a Small Talk”] Organized by: Asosiasi Pertambangan Batubara Indonesia	17 July 2020	Resource Person: Tantangan Pembinaan dan Pengawasan Pelaksanaan Reklamasi dan Pasca Tambang di Indonesia [Challenges in Guiding and Supervising the Implementation of Reclamation and Post Mining in Indonesia]
73.	Dr Irdika Mansur	Seminar Online “Peluang dan Tantangan Pengembangan Tanaman Atsiri pada Lahan Marginal” [Online Seminar “Opportunities and Challenges of Essential Plant Development on Marginal Land”] Organized by: Balai Penelitian Tanaman Rempah dan Obat, Pusat Penelitian dan Pengembangan Perkebunan, Badan Penelitian dan Pengembangan Pertanian, Kementerian Pertanian	17 July 2020	Resource Person: Pengembangan Kayu Putih pada Lahan Marginal [<i>Eucalyptus</i> Development on Marginal Land]
74.	Dewi Rahmawati, MSi	Seminar Online “Peluang dan Tantangan Pengembangan Tanaman Atsiri pada Lahan Marginal” [Online Seminar “Opportunities and Challenges of Essential Plant Development on Marginal Land”] Organized by: Balai Penelitian Tanaman Rempah dan Obat, Pusat Penelitian dan Pengembangan Perkebunan, Badan Penelitian dan Pengembangan Pertanian, Kementerian Pertanian	17 July 2020	Participant
75.	Sri Widayanti, MSi	Uji Terap Kajian Deteksi Hama Gudang Berbasis Teknologi Biosensor [Applied Test on Storage Pest Detection Study Based on Biosensor Technology]	17 July 2020	Examiner
76.	Dr Irdika Mansur	Webinar Nasional Kehutanan Seri #03: Silvikultur Hutan Tanaman Berbasis Tapak [National Forestry Webinar Series #03: Site- based Silviculture of Plantation Forests] Organized by: Fakultas Kehutanan dan Ilmu Lingkungan, Universitas Halu Oleo, Kementerian Pendidikan dan Kebudayaan	20 July 2020	Resource Person: Campuran Jenis Pohon Merbau dan Kayu Putih untuk Pengembangan Hutan Rakyat di Sulawesi Tenggara [Mixture of Merbau and Eucalyptus Trees for Community Forest Development in Southeast Sulawesi]
77.	Ir Ina Retnowati	Seminar Online Mikoina: Basidiomiset Sebagai Agens Mikoremediasi Limbah Tekstil [Mikoina Online Seminar: Basidiomycetes as Textile Waste Microremediation Agent] Organized by: Perhimpunan Mikologi Indonesia	20 July 2020	Participant
78.	Nijma Nurfadila, SSI	Seminar Online Mikoina: Basidiomisetes Sebagai Agens Mikoremediasi Limbah Tekstil [Mikoina Online Seminar: Basidiomycetes as Textile Waste Microremediation Agent] Organized by: Perhimpunan Mikologi Indonesia	20 July 2020	Participant

79.	Armaiki Yusmur, MSi	Webinar Series PS WL IPB: Tata Kelola Kebencanaan dalam Perencanaan Wilayah di Era VUCA [PS WL IPB Webinar Series: Disaster Management in Spatial Planning in VUCA Era] Jointly Organized by: Program Studi Ilmu Perencanaan Wilayah (PWL), Departemen Ilmu Tanah dan Sumberdaya Lahan, Fak. Pertanian, IPB University	20 July 2020	Participant
80.	Armaiki Yusmur, MSi	Webinar Series PS WL IPB: Pemanfaatan Big Data untuk Perencanaan Wilayah di Era VUCA [Webinar Series PS WL IPB: Utilizing Big Data for Spatial Planning in VUCA Era] Jointly Organized by: Program Studi Ilmu Perencanaan Wilayah (PWL), Departemen Ilmu Tanah dan Sumberdaya Lahan, Fak. Pertanian, IPB University	20 July 2020	Participant
81.	Dr Supriyanto	Webinar SMART-BE Talks Seri 1 Organized by: SEAMEO BIOTROP	21 July 2020	Resource Person Pengembangan STEMMM untuk SMARTS-BE [STEMMM Development for SMARTS-BE Program]
82.	Dr Zulhamsyah Imran	Webinar SMART-BE Talks Seri 1 Organized by: SEAMEO BIOTROP	21 July 2020	Moderator
83.	Sri Widayanti, MSi	Webinar SMART-BE Talks Seri 1 Organized by: SEAMEO BIOTROP	21 July 2020	Participant
84.	Ir Ina Retnowati	Webinar SMART-BE Talks Seri 1 Organized by: SEAMEO BIOTROP	21 July 2020	Participant
85.	Rizkia Tirtani	Webinar SMART-BE Talks Seri 1 Organized by: SEAMEO BIOTROP	21 July 2020	Participant
86.	Dewi Rahmawati, MSi	Webinar seri 5 dengan topik: (1) Regulasi tentang produk Rekayasa Genetik (PRG) pada sektor Pertanian; (2) Perbaikan Genetik Tanaman dan Potensinya untuk Industri Pertanian di Indonesia; (3) Teknik Pengeditan Genom dan Aplikasi pada Tanaman [Webinar Series 5 with topics: (1) Regulations on Genetically Engineered (GM) Products in the Agriculture sector; (2) Genetic Improvement of Plants and Their Potential for the Agricultural Industry in Indonesia; (3) Genome Editing Techniques and Its Applications to Plants] Organized by: Organized by: Badan Standardisasi Nasional & Konsorsium Bioteknologi Indonesia	21 July 2020	Participant
87.	Santi Ambarwati, MSi	Webinar: Metrologi Lingkungan Menyongsong Standardisasi [Webinar on Environmental Metrology Toward Standardization] Organized by: Pusat Penelitian dan Pengembangan Kualitas Laboratorium Lingkungan- KLHK	21 July 2020	Participant
88.	Sri Widayanti, MSi	Webinar Teknologi Produksi dan Aplikasi Bioprospeksi Pertanian [Webinar on Production Technology and Agricultural Bioprospection Applications] Organized by: BB Biogen	22 July 2020	Participant
89.	Ir Ina Retnowati	Webinar mengenai Jamur: Kawan atau Lawan [Webinar on Mushrooms: Friends or Enemies]	22 July 2020	Participant

		Organized by: Universitas Jenderal Soedirman		
90.	Santi Ambarwati, MSi	Webinar: Pemantauan Air Limbah dan Air Sungai Secara Langsung dan Online [Webinar on Wastewater and River Water Direct and Online Monitoring] Organized by: PT Unilab Perdana	22 July 2020	Participant
91.	Santi Ambarwati, MSi	Webinar Series: Potensi Bioteknologi Pertanian dalam Mewujudkan Ketahanan Pangan di Indonesia [Webinar Series on Potential of Agricultural Biotechnology in Achieving Food Security in Indonesia] Organized by: SEAMEO BIOTROP	22 July 2020	Participant
92.	Lillys Betty Yuliawati, SSi	Webinar Series: Potensi Bioteknologi Pertanian dalam Mewujudkan Ketahanan Pangan di Indonesia [Webinar Series on Potential of Agricultural Biotechnology in Achieving Food Security in Indonesia] Organized by: SEAMEO BIOTROP	22 July 2020	Participant
93.	Nijma Nurfadila, SSi	Seminar Online Biologi Tumbuhan [Online Seminar on Plant Biology] Jointly Organized by: Program Studi Pascasarjana Biologi Tumbuhan, Departemen Biologi, FMIPA, IPB university	22 July 2020	Participant
94.	Dr Irdika Mansur	Webinar Peternakan di Lahan Tambang [Webinar on Livestock in Mining Area]	23 July 2020	Participant
95.	Sri Widayanti, MSi	Webinar Implementasi Food Safety di Era New Normal Hospitality Industry [Webinar on Food Safety Implementation in the New Normal Hospitality Industry]. Organized by: Pestindo Central Optima	23 July 2020	Participant
96.	Trijanti A. Widinni Asnan, MSi	Webinar Implementasi Food Safety di Era New Normal untuk Hospitality Industry [Webinar on the Implementation of Food Safety di the New New Normal Era for Hospitality Industry] Organized by: Pestindo Central Optima	23 July 2020	Participant
97.	Ir Ina Retnowati	Virtual Literacy GEDOR HORTI in Action: Kupas Tuntas Agribisnis Jamur [Virtual Literacy GEDOR HORTI in Action: Mushroom Agribusiness] Organized by: Kementerian Pertanian, Direktorat Jenderal Hortikultura	23 July 2020	Participant
98.	Nijma Nurfadila, SSi	Virtual Literacy GEDOR HORTI in Action: Kupas Tuntas Agribisnis Jamur [Virtual Literacy GEDOR HORTI in Action: Mushroom Agribusiness] Organized by: Kementerian Pertanian, Direktorat Jenderal Hortikultura	23 July 2020	Participant
99.	Yuni Puspita Sari, MM	Webinar Seminar Nasional Kearsipan [National Webinar on Archives] Organized by: Program Diploma Perpustakaan, Universitas Udayana	23 July 2020	Participant
100.	Armaiki Yusmur,	Diskusi Daring dengan tema: Upaya Konservasi	23 July 2020	Participant

	MSi	<p>Pesut Mahakam [Online Discussion on Mahakam Dolphin Conservation Efforts]</p> <p>Organized by: Yayasan KEHATI</p>		
101.	Sri Ismawati Soerianegara, MSc	<p>Workshop Pengembang Sistem Jurnal Online SEAMEJ [SEAMEJ Online Journal System Developer Workshop]</p> <p>Jointly Organized by: SEAMEO Qitep in Mathematics, Kementerian Pendidikan dan Kebudayaan</p>	24 July 2020	Resource Person: Strategi Memperoleh Paper yang Bagus [Strategies to Get a Good Paper]
102.	Zanne Sandriati Putri, SSI	<p>Workshop Pengembang Sistem Jurnal Online SEAMEJ [SEAMEJ Online Journal System Developer Workshop]</p> <p>Jointly Organized by: SEAMEO Qitep in Mathematics and Kementerian Pendidikan dan Kebudayaan</p>	24 July 2020	Resource Person: 1. Strategi Memilih Reviewer dan Teknis Agar Proses Review Menjadi Efektif [Strategies for Selecting Reviewers and Technical Aspects of Review Process to be Effective] 2. Tips Mempersiapkan Jurnal yang Tereputasi [Tips for Preparing a Reputable Journal]
103.	Rima Febriana, SE, Ak	<p>Workshop Pengembang Sistem Jurnal Online SEAMEJ [SEAMEJ Online Journal System Developer Workshop]</p> <p>Jointly Organized by: SEAMEO Qitep in Mathematics and Kementerian Pendidikan dan Kebudayaan</p>	24 July 2020	Resource Person: Pengelolaan Jurnal Ilmiah BIOTROPIA [Managing BIOTROPIA Scientific Journal]
104.	Ir Ina Retnowati	<p>Seminar Online Mikoina: Jamur Liar di Sumatera dan Papua sebagai Jamur Pangan [Mikoina Online Seminar: Wild Mushrooms in Sumatra and Papua as Food Mushrooms]</p> <p>Organized by: Perhimpunan Mikologi Indonesia</p>	24 July 2020	Participant
105.	Nijma Nurfadila, SSI	<p>Seminar Online Mikoina: Jamur Liar di Sumatera dan Papua sebagai Jamur Pangan [Mikoina Online Seminar: Wild Mushrooms in Sumatra and Papua as Food Mushrooms]</p> <p>Organized by: Perhimpunan Mikologi Indonesia</p>	24 July 2020	Participant
106.	Dr Erina Sulistiani	<p>Webinar Series: Potensi Bioteknologi Pertanian dalam Mewujudkan Ketahanan Pangan di Indonesia [Webinar Series: Potential of Agricultural Biotechnology in Achieving Food Security in Indonesia]</p> <p>Organized by: SEAMEO BIOTROP</p>	24 July 2020	Participant
107.	Lillys Betty Yuliawati, SSI	<p>Webinar Series: Potensi Bioteknologi Pertanian dalam Mewujudkan Ketahanan Pangan di Indonesia [Webinar Series: Potential of Agricultural Biotechnology in Achieving Food Security in Indonesia]</p> <p>Organized by: SEAMEO BIOTROP</p>	24 July 2020	Participant
108.	Prof Dr Bambang Purwantara	<p>Webinar Series: Potensi Bioteknologi Pertanian dalam Mewujudkan Ketahanan Pangan di Indonesia [Webinar Series: Potential of Agricultural</p>	24 July 2020	Moderator

		Biotechnology in Achieving Food Security in Indonesia] Organized by: SEAMEO BIOTROP		
109.	Yuni Puspita Sari, MM	Seminar Webinar Kearsipan [Online Seminar on Archives] Organized by: ANRI	24 July 2020	Participant
110.	Dewi Rahmawati, MSi	Virtual Literacy “Potensi dan Pengembangan Tanaman Rempah dan Obat [Virtual Literacy on Potential and Development of Spice and Medicinal Plants] Organized by: Kementerian Pertanian	24 July 2020	Participant
111.	Sri Widayanti, MSi	Menjaga NKRI Dari Dampak Perdagangan Internasional Sektor Pertanian: Kolaborasi Karantina Pertanian dan Perguruan Tinggi [Protecting the Republic of Indonesia from the Impact of International Trade in the Agricultural Sector: Agricultural Quarantine Collaboration and Universities] Jointly Organized by: Fakultas Pertanian Universitas Islam Makassar dan Badan Karantina Pertanian	25 July 2020	Participant
112.	Dr Zulhamsyah Imran	Ciliwung Care Day Webinar: Awareness about River Issues Jointly Organized by: Himpunan Mahasiswa Sumberdaya Perairan, Fakultas Perikanan dan Ilmu Kelautan, IPB	26 July 2020	Resource Person: Sumber Cemaran dan Zat Pencemar serta Cara Menanggulangnya, Khususnya Sungai Ciliwung [Sources of Pollution and Pollutants and the Solution, especially for the Ciliwung River]
113.	Sri Widayanti, MSi	Webinar Peran Karantina di Bidang Kehutanan [Webinar on the Role of Quarantine in Forestry] Jointly Organized by: Departemen Silvikultur, Fakultas Kehutanan, IPB	27 July 2020	Participant
114.	Trijanti A. Widinni Asnan, MSi	Webinar Peran Karantina di Bidang Kehutanan [Webinar on the Role of Quarantine in Forestry] Jointly Organized by: Departemen Silvikultur, Fakultas Kehutanan, IPB	27 July 2020	Participant
115.	Armaiki Yusmur, MSi	International Webinar on Ex Mining Reclamation Organized by: ESDM	27 July 2020	Participant
116.	Sri Widayanti, MSi	Webinar Penggunaan Feromon dan Atraktan: Kontroversi Mengundang atau Membasmi Hama [Webinars on the Use of Pheromones and Attractants: Controversy Inviting or Killing Pests] Organized by: Saraswati-PT Anugrah Sarana Hayati	28 July 2020	Participant
117.	Dr Irdika Mansur	Webinar Peranan Rempah dalam Penanggulangan Virus Covid [Webinar on The Role of Spices in Controlling Covid Virus]	28 July 2020	Moderator
118.	Jonner Situmorang, MSi	Webinar Peranan Rempah dalam Penanggulangan Virus Covid [Webinar on The Role of Spices in Controlling Covid Virus]	28 July 2020	Participant
119.	Dr Aslan	Webinar Biodiversitas Nusantara Seri 2 “Perjalanan ke Sumba: Menyusuri Pesona Sabana di Negeri Seribu Bukit” [Archipelago Biodiversity Webinar Series 2 “Journey to Sumba: Exploring the Enchantment of the Savanna in the Land of a Thousand Hills”]	28 July 2020	Participant

		Organized by: Pusat Penelitian Biologi LIPI		
120.	Armaiki Yusmur, MSi	Webinar Biodiversitas Nusantara Seri 2 "Perjalanan ke Sumba: Menyusuri Pesona Sabana di Negeri Seribu Bukit" [Archipelago Biodiversity Webinar Series 2 "Journey to Sumba: Exploring the Enchantment of the Savanna in the Land of a Thousand Hills"] Organized by: Pusat Penelitian Biologi LIPI	28 July 2020	Participant
121.	Dr Zulhamsyah Imran	Integrasi Kebutuhan SILN dan Program SEAMEO Centre [Integration of SILN Requirements and SEAMEO Centre Programs] Organized by: Kementerian Pendidikan dan Kebudayaan	28 July 2020	Resource Person: Best Practice kolaborasi: SEAMEO BIOTROP [Best Practices on collaboration: SEAMEO BIOTROP]
122.	Dewi Suryani, MM	Integrasi Kebutuhan SILN dan Program SEAMEO Centre [Integration of SILN Requirements and SEAMEO Centre Program] Organized by: Kementerian Pendidikan dan Kebudayaan	28 July 2020	Resource Person: Best Practice kolaborasi: SEAMEO BIOTROP [Best Practice on collaboration: SEAMEO BIOTROP]
123.	Dr Aslan	SMARTS-BE Talks Seri 2	28 July 2020	Moderator
124.	Dr Irdika Mansur	Webinar: Seminar Lingkungan Hidup "Pasca Tambang di UU Nomor 3 Tahun 2020 Tentang Pertambangan Minerba" [Environmental Webinar on "Post Mining in Law Number 3 of 2020 concerning Mining and Minerals"] Organized by: PT. Berau Coal	29 July 2020	Resource Person: Pasca Tambang di UU Nomor 3 Tahun 2020 Tentang Pertambangan Minerba [Post-Mining in Law Number 3 of 2020 concerning Mineral and Coal Mining]
125.	Nijma Nurfadila, SSi	Seminar Online Mikoina Keanekaragaman Phallus Tropis dan Indonesia [Mikoina Online Seminar on the Tropical Phallus Biodiversity and Indonesia] Organized by: Perhimpunan Mikologi Indonesia	30 July 2020	Participant
126.	Dr Zulhamsyah Imran	Diskusi Daring Teori-teori Perubahan Sosial: Perubahan Sosial, Politik, dan Ekonomi di Era Disrupsi [Online Discussion on Social Change Theories: Social, Political, and Economic Change in the Age of Disruption] Organized by: Himpunan Mahasiswa Islam (HMI)	7 August 2020	Resource Person Perubahan Sosial Ekonomi Masyarakat Perikanan Dan Pertanian Di Era 5.0 [Socio-Economic Changes in Fisheries and Agriculture Communities in the 5.0 Era]
127.	Sri Widayanti, MSi	Webinar Nasional "Teknologi Nano pada Bidang Pangan: Perspektif dan Prospek" [National Webinar on "Nano Technology in Food Sector: Perspectives and Prospects"] Organized by: PATPI cabang Bogor	3 August 2020	Participant
128.	Nijma Nurfadila, SSi	Webinar Nasional "Teknologi Nano pada Bidang Pangan: Perspektif dan Prospek" [National Webinar on "Nano Technology in Food Sector: Perspectives and Prospects"] Organized by: PATPI cabang Bogor	3 August 2020	Participant
129.	Trijanti A. Widinni Asnan, MSi	Webinar Nasional "Teknologi Nano pada Bidang Pangan: Perspektif dan Prospek" [National Webinar on "Nano Technology in Food Sector: Perspectives and Prospects"] Organized by:	3 August 2020	Participant

		PATPI cabang Bogor		
130.	Herni Widhiastuti, SSi	Webinar Nasional “Teknologi Nano pada Bidang Pangan: Perspektif dan Prospek [National Webinar on “Nano Technology in Food Sector: Perspectives and Prospects]” Organized by: PATPI cabang Bogor	3 August 2020	Participant
131.	Yuni Puspita Sari, MM	Webinar Peningkatan Keterampilan Berbahasa Indonesia bagi Aparatur Sipil Negara (ASN) (konseptor surat) [Webinar on Improving Indonesian Language Skills for State Civil Officer (ASN) in Drafting Letter]” Organized by: Kementerian Pendidikan dan Kebudayaan	3 and 5 August 2020	Participant
132.	Tenni Wahyuni, AMd	Webinar Peningkatan Keterampilan Berbahasa Indonesia bagi Aparatur Sipil Negara (ASN) (konseptor surat) [Webinar on Improving Indonesian Language Skills for State Civil Officer (ASN) in Drafting Letter]” Organized by: Kementerian Pendidikan dan Kebudayaan	3 and 5 August 2020	Participant
133.	Sri Widayanti, MSi	Webinar SMARTS-BE Talks Seri 3 Organized by: SEAMEO BIOTROP	4 August 2020	Participant
134.	Herni Widhiastuti, SSi	Webinar SMARTS-BE Talks Seri 3 Organized by: SEAMEO BIOTROP	4 August 2020	Participant
135.	Slamet Widodo Sugiarto, SSi	Webinar SMARTS-BE Talks Seri 3 Organized by: SEAMEO BIOTROP	4 August 2020	Moderator
136.	Lillys Betty Yuliawati, SSi	Webinar SMARTS-BE Talks Seri 3 Organized by: SEAMEO BIOTROP	4 August 2020	Participant
137.	Santi Ambarwati, MSi	Seminar Nasional Online: Potensi Aneka Umbi Bagi Industri dan Kedaulatan Pangan [Online National Seminar: Potential of Various Bulbs for Industry and Food Sovereignty]” Jointly Organized by: Pusat Pengembangan dan Penerapan Teknologi, Lembaga Penelitian dan Pengabdian Masyarakat (LPPM), Universitas Jenderal Soedirman	4 August 2020	Participant
138.	Dr Irdika Mansur	Webinar KTA	5 August 2020	Participant
139.	Nijma Nurfadila, SSi	Webinar tentang Jamur Marasmius [Webinar about Marasmius Mushroom]” Organized by: MIKOINA	5 August 2020	Participant
140.	Dewi Rahmawati, MSi	Webinar Bioteknologi dalam Menjawab Perubahan Iklim di Lingkungan Tropika [Biotechnology Webinar in Responding to Climate Change in the Tropical Environment]” Organized by: AGH IPB	6 August 2020	Participant
141.	Yuni Puspita Sari, MM	Webinar Kearsipan [Webinar on Archives]” Organized by: ANRI	6 August 2020	Participant

142.	Sri Widayanti, MSi	Webinar HIGI Seri-01: Perkembangan Penelitian dan Pengelolaan Gulma dan Tumbuhan Asing Invasif di Indonesia [HIGI Webinar Series-01: Developments in Research and Management of Invasive Weeds and Plant Management in Indonesia] Organized by: Himpunan Ilmu Gulma Indonesia (HIGI)	7 August 2020	Participant
143.	Herni Widhiastuti, SSI	Webinar HIGI Seri-01: Perkembangan Penelitian dan Pengelolaan Gulma dan Tumbuhan Asing Invasif di Indonesia [HIGI Webinar Series-01: Developments in Research and Management of Invasive Weeds and Plant Management in Indonesia] Organized by: Himpunan Ilmu Gulma Indonesia (HIGI)	7 August 2020	Participant
144.	Trijanti A. Widinni Asnan, MSi	Webinar HIGI Seri-01: Perkembangan Penelitian dan Pengelolaan Gulma dan Tumbuhan Asing Invasif di Indonesia [HIGI Webinar Series-01: Developments in Research and Management of Invasive Weeds and Plant Management in Indonesia] Organized by: Himpunan Ilmu Gulma Indonesia (HIGI)	7 August 2020	Participant
145.	Dr Zulhamsyah Imran	Diskusi Daring dengan tema "Teori-teori Perubahan Sosial: Perubahan Sosial, Politik, dan Ekonomi di Era di Disrupsi [Online Discussion on Theories of Social Change: Social, Political, and Economic Change in the Era of Disruption]	7 August 2020	Resource Person Perubahan Sosial Ekonomi Masyarakat Perikanan dan Pertanian di era 5.0 [Socio-Economic Changes in the Fisheries and Agriculture Society in the 5.0 era]
146.	Dr Erina Sulistiani	Seminar Daring: Budidaya, Genetika dan Kultur Jaringan Rumput Laut [Online Seminar on Seaweed Cultivation, Genetics and Tissue Culture] Organized by: Viva College	8 August 2020	Resource Person Aplikasi Kultur Jaringan dalam Penyediaan Bibit Rumput Laut Kotoni (<i>Kappaphycus alvarezii</i>) [Application of Tissue Culture in the Provision of Cottonii Seaweed (<i>Kappaphycus alvarezii</i>) Seedlings]
147.	Sri Widayanti, MSi	Uji Terap Kajian Deteksi Hama Gudang Berbasis Teknologi Biosensor secara Online [Applied Test on Storage Pest Detection Study Based on Biosensor Technology Online] Organized by: Balai Uji Terap Teknik dan Metode Karantina Pertanian	10 August 2020	Examiner
148.	Dr Supriyanto	ToT Pengelolaan Geodatabase Sistem Aplikasi Monitoring dan Diagnostik HPT Tanaman Program SMARTS-BE [ToT Geodatabase Management Application System for Monitoring and Diagnostics of Plants Pests and Diseases - A SMARTS-BE Program] Organized by: SMARTS-BE	10 August 2020	Resource Person Best Practices pada Program SMARTS-BE [Best Practices on the SMARTS-BE Program]
149.	Slamet Widodo Sugiarto, SSI	ToT Pengelolaan Geodatabase Sistem Aplikasi Monitoring dan Diagnostik HPT Tanaman Program SMARTS-BE [ToT Geodatabase Management Application System for Monitoring and Diagnostics of Plants Pests and Diseases - A SMARTS-BE Program] Organized by: SMARTS-BE	10-11 August 2020	Resource Person 1. Sumber-sumber Data Spasial [Sources of Spatial Data] 2. Teknik Survey dan Geotagging untuk Mendukung Program SMARTS-BE [Survey and Geotagging Techniques to Support the SMARTS-BE Program] 3. Teknik Aerial Mapping untuk Analisis Fisiologis, Hama Penyakit dan

				<p>Populasi Tanaman [Aerial Mapping Technique for Physiological Analysis, Pests and Diseases and Plant Population]</p> <p>4. Tehnik Analisis Fisiologis dan Hama Penyakit Tanaman Berbasis Spectral Signature [Physiological Analysis Techniques and Pests and Diseases of Plants Based on Spectral Signature]</p>
150.	Harry Imantho, MSc	<p>ToT Pengelolaan Geodatabase Sistem Aplikasi Monitoring dan Diagnostik HPT Tanaman Program SMARTS-BE [ToT Geodatabase Management Application System for Monitoring and Diagnostics of Plants Pests and Diseases - A SMARTS-BE Program]</p> <p>Organized by: SMARTS-BE - BIOTROP</p>	10 and 12 August 2020	<p>Resource Person</p> <ol style="list-style-type: none"> 1. Aplikasi SIG untuk Mendukung Pertanian Presisi [GIS Application to Support Precision Farming] 2. Konsep Sistem Monitoring dan Diagnostik Hama Penyakit Tanaman Berbasis Geolokasi [Geolocation-Based Pests and Diseases Diagnostic Monitoring System Concept] 3. Membangun Geodatabase untuk Sistem Monitoring dan Diagnostik Hama Penyakit Tanaman Berbasis Geolokasi [Establishing Geodatabase for Geolocation-Based Monitoring and Diagnostic System for Plant Diseases]
151.	Dewi Rahmawati, MSi	<p>Webinar Peran Chitin dalam Memelihara Kesehatan Tanaman [Webinar on the Role of Chitin in Maintaining Plant Health]</p> <p>Organized by: Best Planter Indonesia (BPI)</p>	11 August 2020	Participant
152.	Dr Irdika Mansur	Webinar SILN	12 August 2020	Resource Person
153.	Dr Irdika Mansur	Webinar MKTI	12 August 2020	Resource Person
154.	Dewi Rahmawati, MSi	<p>Webinar BARITO (Bahan Riset Tumbuhan Obat) #2: Industrialisasi Tumbuhan Obat Berbasis Riset [BARITO Webinar (Medicinal Plant Research Materials) #2: Research-Based Medicinal Plant Industrialization]</p> <p>Organized by: Universitas Lambung Mangkurat</p>	12 August 2020	Participant
155.	Dr Zulhamsyah Imran	<p>Reviewer Presentasi Hasil Penelitian dan Abdimas TA. 2019/2020 [Reviewer Presentation of Research Results and Abdimas TA. 2019/2020]</p> <p>Organized by: Universitas Satya Negara Indonesia</p>	12 August 2020	Reviewer
156.	Dr Irdika Mansur	<p>Seminar Virtual "Pengelolaan Rawa Pening sebagai Upaya Konservasi Tanah dan Air dalam Kerangka Penyelamatan Danau Strategis Nasional" [Virtual Seminar on "Management of Rawa Pening as a Soil and Water Conservation Effort in the Framework of Saving National Strategic Lakes"]</p> <p>Organized by: Masyarakat Konservasi Tanah dan Air Indonesia,</p>	12 August 2020	<p>Resource Person</p> <p>Solusi Alternatif Penanganan Danau dengan Pertanian Terapung [Alternative Solutions for Lake Management by using Floating Farms]</p>

		Jawa Tengah		
157.	Dr Irdika Mansur	Integrasi Kebutuhan Diklat Pembelajaran SILAN dan Program SEAMEO Centre [Integration of ORAL Learning Training Needs and SEAMEO Centre Program] Organized by: Kementerian Pendidikan dan Kebudayaan	12 August 2020	Resource Person
158.	Dewi Suryani, MM	Integrasi Kebutuhan Diklat Pembelajaran SILAN dan Program SEAMEO Centre [Integration of SILAN Learning Training Needs and SEAMEO Centre Program] Organized by: Kementerian Pendidikan dan Kebudayaan	12 August 2020	Resource Person
159.	Riana Hartati, SSI	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Batch 2: Hidroponik [Online Training on the Application of Urban Agriculture in Supporting Family Food Security: Batch 2: Hydroponics] Organized by: SEAMEO BIOTROP	12 August 2020	Resource Person Pendahuluan Hidroponik [Introduction to Hydroponics]
160.	Shella Marlinda, MSi	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Batch 2: Akuakultur [Online Training on the Application of Urban Agriculture in Supporting Family Food Security: Batch 2: Hydroponics] Organized by: SEAMEO BIOTROP	12 August 2020	Resource Person Ruang Lingkup Akuakultur [Scope of Aquaculture]
161.	Sri Widayanti, MSi	Webinar Nasional Series#4: Potensi Pengembangan Lebah tanpa Sengat (Galo-Galo) sebagai Satwa Harapan Indonesia [National Webinar Series #4: Potential Development of Stingless Bees (Galo-Galo) as Future Animal of Indonesia] Jointly Organized by: Lembaga Penelitian dan Pengabdian Masyarakat (LPPM), Bagian Teknologi Produksi Ternak, Universitas Andalas	13 August 2020	Participant
162.	Herni Widhiastuti, SSI	Webinar Nasional Series#4: Potensi Pengembangan Lebah tanpa Sengat (Galo-Galo) sebagai Satwa Harapan Indonesia [National Webinar Series #4: Potential Development of Stingless Bees (Galo-Galo) as Future Animal of Indonesia] Jointly Organized by: Lembaga Penelitian dan Pengabdian Masyarakat (LPPM), Bagian Teknologi Produksi Ternak, Universitas Andalas	13 August 2020	Participant
163.	Ir Ina Retnowati	Webinar mengenai Potensi Jamur Pelapuk Kayu [Webinar on the Potential of Wood-Rotting Fungi] Organized by: Universitas Lambung Mangkurat	13 August 2020	Participant
164.	Ir Ina Retnowati	Seminar Online Mikoina: Mengenal <i>Rhizoctonia</i> dan Peranannya [Mikoina Online Seminar: Knowing <i>Rhizoctonia</i> and Its Role] Organized by: Himpunan Mikologi Indonesia	13 August 2020	Participant
165.	Nijma Nurfadila, SSI	Seminar Online Mikoina: Mengenal <i>Rhizoctonia</i> dan Peranannya [Mikoina Online Seminar: Knowing <i>Rhizoctonia</i> and Its Role] Organized by: Himpunan Mikologi Indonesia	13 August 2020	Participant

166.	Dewi Rahmawati, MSi	Webinar: Meet the Experts: An update on ISO Method for Your Microbiology Lab Organized by: Merck	13 August 2020	Participant
167.	Ratnaningsih, SSI	Basic occupational safety and health competencies for teaching laboratory participants Organized by: Persatuan Pranata Laboratorium Pendidikan Indonesia (PPLPI)	13 August 2020	Participant
168.	Gita Hanipah, SSI	Basic occupational safety and health competencies for teaching laboratory participants Organized by: Persatuan Pranata Laboratorium Pendidikan Indonesia (PPLPI)	13 August 2020	Participant
169.	Andriansyah	Basic occupational safety and health competencies for teaching laboratory participants Organized by: Persatuan Pranata Laboratorium Pendidikan Indonesia (PPLPI)	13 August 2020	Participant
170.	Ratnaningsih, SSI	Kuliah Online Minat Riset Kimia Organik/Hayati Series 1: Makanan Halal dan Aman [Online Lecture for Research in Organic/Biological Chemistry Series 1: Halal and Safe Food] Organized by: Departemen Kimia, Fakultas MIPA, Universitas Gadjah Mada	13 August 2020	Participant
171.	Dr Irdika Mansur	Indonesia Memanggil Pemimpin Autentik [Indonesia Calls for Authentic Leaders] Organized by: Mitra Pembelajaran	13 August 2020	Resource Person Natural Resources for Indonesia's Glory
172.	Rima Febriana, SE, Ak	FGD Penyusunan Jurnal SEAMEO CECEP tahun 2020 [FGD on SEAMEO CECEP Journal Preparation] Organized by: SEAMEO CECCEP	13-14 August 2020	Resource Person
173.	Riana Hartati, SSI	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Batch 2: Hidroponik [Online Training on the Application of Urban Agriculture in Supporting Family Food Security: Batch 2: Hydroponics] Organized by: SEAMEO BIOTROP	13 August 2020	Resource Person Teknik dan Media Tanam [Planting Techniques and Media]
174.	Shella Marlinda, MSi	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Batch 2: Akuakultur [Online Training on the Application of Urban Agriculture in Supporting Family Food Security: Batch 2: Hydroponics] Organized by: SEAMEO BIOTROP	13 August 2020	Resource Person Pembenihan [Seeding]
175.	Santi Ambarwati, MSi	Webinar-Pengenalan Manajemen Resiko dan Peluang dalam Laboratorium Pengujian/Kalibrasi Menggunakan FMEA (Failure Mode and Effect Analysis) [Webinar on Introduction to Risk and Opportunity Management in a Testing/Calibration Laboratory Using FMEA (Failure Mode and Effect Analysis)] Organized by: Aljabar Training and Consulting	14 August 2020	Participant
176.	Riana Hartati, SSI	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Batch 2: Hidroponik [Online Training on the Application of Urban	14 August 2020	Resource Person Cara Memilih Hidroponik [How to Choose Hydroponics System]

		Agriculture in Supporting Family Food Security: Batch 2: Hydroponics] Organized by: SEAMEO BIOTROP		
177.	Sheila Marlinda, MSi	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Akuakultur [Online Training on the Application of Urban Agriculture in Supporting Family Food Security: Batch 2: Hydroponics] Organized by: SEAMEO BIOTROP	14 August 2020	Resource Person Pemanenan Hasil Budidaya [Harvesting Techniques]
178.	Dr Irdika Mansur	Seminar Membangun Negara dan Bangsa melalui Penguatan Ketahanan Nasional yang Bersumber dari Ketahanan Keluarga Menuju Indonesia Emas 2045 [Seminar on Building the State and Nation through Strengthening National Resilience based on Family Resilience Toward Golden Indonesia 2045] Organized by: SEAMEO CECCEP	18 August 2020	Participant
179.	Dr Zulhamsyah Imran	Seminar Membangun Negara dan Bangsa melalui Penguatan Ketahanan Nasional yang Bersumber dari Ketahanan Keluarga Menuju Indonesia Emas 2045 [Seminar on Building the State and Nation through Strengthening National Resilience based on Family Resilience Toward Golden Indonesia 2045] Organized by: SEAMEO CECCEP	18 August 2020	Participant
180.	Sri Widayanti, MSi	Seminar Nasional Virtual PEI Komda Sulsel dengan tema Ekowisata Berbasis Serangga dan Teknik Pengelolaannya [The South Sulawesi Komda PEI Virtual National Seminar on Insect-Based Ecotourism and Management Techniques] Organized by: PEI Komda Sulsel	19 August 2020	Participant
181.	Ir Ina Retnowati	Webinar mengenai Ascomiset dalam Tatanan Hayati Terkini [Webinar on Ascomiset in the Current Biological Order] Organized by: Himpunan Mikologi Indonesia	19 August 2020	Participant
182.	Nijma Nurfadila, SSi	Webinar mengenai Ascomiset dalam Tatanan Hayati Terkini [Webinar on Ascomiset in the Current Biological Order] Organized by: Himpunan Mikologi Indonesia	19 August 2020	Participant
183.	Nijma Nurfadila, SSi	Seminar Online: SOP Penanganan Mutu Pala pada Rantai Pasok [Online Seminar on SOP for Handling Nutmeg Quality in the Supply Chain] Organized by: Kementerian Pertanian	19 August 2020	Participant
184.	Trijanti A. Widinni Asnan, MSi	Seminar Nasional Virtual PEI Komda Sulsel dengan tema Ekowisata Berbasis Serangga dan Teknik Pengelolaannya [The South Sulawesi Komda PEI Virtual National Seminar on Insect-Based Ecotourism and Management Techniques] Organized by: PEI Komda Sulsel	19 August 2020	Participant

185.	Herni Widhiastuti, SSi	Seminar Nasional Virtual PEI Komda Sulsel dengan tema Ekowisata Berbasis Serangga dan Teknik Pengelolaannya [The South Sulawesi Komda PEI Virtual National Seminar on Insect-Based Ecotourism and Management Techniques] Organized by: PEI Komda Sulsel	19 August 2020	Participant
186.	Dr Erina Sulistiani	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Batch 2: Kultur Jaringan Tanaman [Applications of Urban Agriculture to Support Family Food Security: Batch 2: Plant Tissue Cultures.] Organized by: SEAMEO BIOTROP	19 August 2020	Resource Person Teknik Kultur Jaringan untuk Produksi Bibit Tanaman [Tissue Culture Techniques for Plant Propagation]
187.	Samsul A. Yani, SSi	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Budidaya Jamur Pangan [Applications of Urban Agriculture to Support Family Food Security: Batch 2: Mushroom Cultivation] Organized by: SEAMEO BIOTROP	19 August 2020	Resource Person Pengenalan Budidaya Jamur Pangan [Introduction of Mushroom Cultivation]
188.	Dr Zulhamsyah Imran	Seminar Publikasi Jurnal Terakreditasi [Seminar on Accredited Journal Publication] Organized by: Forum Komunikasi Mahasiswa Pascasarjana Teknologi Perikanan Laut, Insitut Pertanian Bogor	20 August 2020	Resource Person
189.	Rima Febriana, SE, Ak	Online Workshop I: Strategi dan Kriteria Evaluasi Indeksasi Jurnal Ilmiah di Scopus [Online Workshop I: Strategies and Criteria for Evaluation of Scientific Journal Indexation at Scopus] Organized by: Himpunan Editor Berkala Ilmiah Indonesia	24 August 2020	Participant
190.	Sri Ismawati Soerianegara, MSc	Online Workshop I: Strategi dan Kriteria Evaluasi Indeksasi Jurnal Ilmiah di Scopus [Online Workshop I: Strategies and Criteria for Evaluation of Scientific Journal Indexation at Scopus] Organized by: Himpunan Editor Berkala Ilmiah Indonesia	24 August 2020	Participant
191.	Zanne Sandriati Putri, SSi	Online Workshop I: Strategi dan Kriteria Evaluasi Indeksasi Jurnal Ilmiah di Scopus [Online Workshop I: Strategies and Criteria for Evaluation of Scientific Journal Indexation at Scopus] Organized by: Himpunan Editor Berkala Ilmiah Indonesia	24 August 2020	Participant
192.	Dr Erina Sulistiani	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Batch 2: Kultur Jaringan Tanaman [Online Training on the Application of Urban Agriculture in Supporting Family Food Security: Batch 2: Plant Tissue Culture Applications of Urban Agriculture to Support Family Food Security: Batch 2: Plant Tissue Cultures.] Organized by: SEAMEO BIOTROP	24 August 2020	Resource Person Tahapan Mikropropagasi untuk Perbanyak Bibit Tanaman [Micropropagation Stages for Plant Propagation]
193.	Samsul A. Yani, SSi	Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Batch 2: Kultur Jaringan Tanaman [Online Training on the Application of Urban Agriculture in Supporting Family Food Security: Batch 2: Plant Tissue Culture Applications of Urban Agriculture to Support Family Food	24 August 2020	Resource Person Pembuatan bibit F0 dan F1 Jamur Pangan [Making F0 and F1 Mushroom Starters]

		Security: Batch 2: Mushroom Cultivation] Organized by: SEAMEO BIOTROP		
194.	Dr Irdika Mansur	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25-27 August 2020	Resource Person Arahan Kebijakan Direktur SEAMEO BIOTROP mengenai Program Agro Eco Edu Wisata [SEAMEO BIOTROP Director's Policy regarding the Agro-Eco-Edu Tourism Program]
195.	Dr Zulhamsyah Imran	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25-27 August 2020	Participant
196.	Dr Erina Sulistiani	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25-27 August 2020	Participant
197.	Tenni Wahyuni, AMd	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25-27 August 2020	Participant
198.	Deki Zulkarnaen, SSos	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25 August 2020	Participant
199.	Rima Febriana, SE, Ak	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu	25-27 August 2020	Participant

		Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP		
200.	Armaiki Yusmur, MSi	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25-27 August 2020	Facilitator
201.	Jonner Situmorang, MSi	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25-27 August 2020	Participant
202.	Sri Widayanti, MSi	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25-26 August 2020	Participant
203.	Slamet Widodo Sugiarto, SSI	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25-27 August 2020	Participant
204.	Shella Marlinda, MSi	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	25-27 August 2020	Participant
205.	Riana Hartati, SSI	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP	25-27 August 2020	Participant

		<p>[Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>		
206.	Lastiah, SE	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP</p> <p>[Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	25-27 August 2020	Participant
207.	Rizkia Tirtani	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP</p> <p>[Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	25-27 August 2020	Participant
208.	Lillys Betty Yuliawati, SSI	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP</p> <p>[Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	25-27 August 2020	Participant
209.	Dr Aslan	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP</p> <p>[Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	25 August 2020	Fasilitator
210.	Asep Syaefudin, SE	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP</p> <p>[Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	25 August 2020	Participant
211.	Dewi Suryani, MM	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan</p>	25 August 2020	Participant

		<p>Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>		
212.	Yuni Puspita Sari, MM	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	25 August 2020	Participant
213.	Santi Ambarwati, MSi	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	25 August 2020	Participant
214.	Ulfah Zul Farisa, SHut.	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	25 August 2020	Participant
215.	Sugih Mukti, AMd.	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	25 August 2020	Participant
216.	Dr Erina Sulistiani	<p>Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Kultur Jaringan Tanaman [Applications of Urban Agriculture to Support Family Food Security: Batch 2: Plant Tissue Cultures.]</p> <p>Organized by: SEAMEO BIOTROP</p>	25 August 2020	<p>Resource Person</p> <p>Fasilitas untuk Kultur Jaringan Tanaman dan Teknik Aseptik [Facilities for Plant Tissue Culture and Aseptic Techniques]</p>
217.	Samsul A. Yani, SSi.	<p>Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Budidaya Jamur Pangan [Applications of Urban Agriculture to Support</p>	25 August 2020	<p>Resource Person</p> <p>Pembuatan Bibit Jamur F2 dan F3 [Making F2 and F3</p>

		Family Food Security: Batch 2: Mushroom Cultivation] Organized by: SEAMEO BIOTROP		Mushroom Starters]
218.	Dr Soekisman Tjitrosemito	Bimbingan Teknis Inventarisasi dan Pembuatan Analisis Resiko Lingkungan Jenis Tumbuhan Invasif [Training Course on Inventory and Risk Analysis of Invasive Alien Species (IAS)] Organized by: Kementerian Lingkungan Hidup dan Kehutanan (KLHK)	25-26 August 2020	Resource Person 1. Analisis Risiko, Identifikasi dan Inventarisasi Jenis Tumbuhan Invasif (Teknik dan Evaluasi Tumbuhan Invasif di Lapangan) [Risk Analysis, Identification, and Inventory of IAS (Technique and Evaluation of IAS in the Field)] 2. Analisis Risiko Biaya Pengendalian Tumbuhan Invasif (Nilai Risiko dan Biaya) [Risk Analysis of IAS Management Cost] 3. Rekomendasi Aktivitas Pengendalian sesuai dengan Risiko dan Biaya [Recommendation for Controlling IAS based on Risk and Cost Analyses]
219.	Dr Supriyanto	Webinar SMARTS-BE Talks Seri 4 Organized by: SMARTS-BE	25 August 2020	Moderator
220.	Dewi Rahmawati, MSi	Webinar Peduli Ganoderma: Peran mikoriza dalam Pertumbuhan Tanaman [The role of mycorrhizae in plant growth] Organized by: Best Planter Indonesia (BPI)	25 August 2020	Participant
221.	Herni Widhiastuti, SSi.	Webinar SMARTS-BE Talks Seri 4 Organized by: SMARTS-BE	25 August 2020	Participant
222.	Anidah, MTP	Pelatihan Penulisan Artikel Review [Training Course on Writing Review Article] Organized by: IPB University	25 August 2020	Participant
223.	Dr Supriyanto	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro Eco Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	26 August 2020	Participant
224.	Bambang Sulistio, SSi	Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro Eco Edu Tourism Program SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	26 August 2020	Participant
225.	Dr Zulhamsyah Imran	Diklat Lingkungan Hidup Pemuda [Youth Environmental Education and Training] Organized by: Kementerian Pemuda dan Olahraga Republik	26 August 2020	Resource Person Integrasi SPRE dalam Pengelolaan Kawasan Konservasi Perairan [Integration of SPRE in

		Indonesia		Management of Marine Protected Areas]
226.	Dr Erina Sulistiani	<p>Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Kultur Jaringan Tanaman [Applications of Urban Agriculture to Support Family Food Security: Batch 2: Plant Tissue Cultures.]</p> <p>Organized by: SEAMEO BIOTROP</p>	26 August 2020	Resource Person Komposisi Media Kultur Jaringan Tanaman [Composition of Plant Tissue Culture Media]
227.	Samsul A. Yani, SSI	<p>Pelatihan Daring Penerapan Pertanian Perkotaan dalam Mendukung Ketahanan Pangan Keluarga: Budidaya Jamur Pangan [Applications of Urban Agriculture to Support Family Food Security: Batch 2: Mushroom Cultivation.]</p> <p>Organized by: SEAMEO BIOTROP</p>	26 August 2020	Resource Person Pembuatan Media F3, Pemanenan, dan Pengolahan Hasil Panen [F3 Media Making, Harvesting, and Mushroom Processing]
228.	Herni Widhiastuti, SSI	<p>Seminar Daring: Peluang dan Tantangan Iradiasi Pangan dalam Meningkatkan Mutu Komoditas Pangan [Online Seminar on Opportunities and Challenges of Food Irradiation in Improving the Quality of Food Commodities]</p> <p>Organized by: Badan Tenaga Nuklir Indonesia</p>	26 August 2020	Participant
229.	Dr Irdika Mansur	<p>Workshop Inisiasi Kerja Sama Prodi Teknik Lingkungan dengan Pihak Mitra Bidang Penelitian untuk Mewujudkan Kegiatan Merdeka Belajar-Kampus Merdeka [Workshop on the Initiation of Cooperation between Environmental Engineering Study Programs with Partners in the Field of Research to Realize Independent Learning Activities - Independent Campuses]</p> <p>Organized by: Program Studi Teknik Lingkungan, Fakultas Teknik Sipil dan Perencanaan, Universitas Islam Indonesia</p>	27 August 2020	Resource Person
230.	Trijanti A. Widinni Asnan, MSi	<p>Lokakarya dan Diskusi Terpumpun Pengembangan dan Pengelolaan Program Agro Eco Edu Wisata SEAMEO BIOTROP secara Partisipatif dan Komprehensif SEAMEO BIOTROP [Workshops and Focus Group Discussions on the Participatory and Comprehensive Development and Management of SEAMEO BIOTROP's Participatory and Comprehensive Agro-Eco-Edu Tourism Program SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	27 August 2020	Participant
231.	Anidah, MTP	<p>Online Lecturer Series 2: Scientific Writing]</p> <p>Organized by: IPB University</p>	28 August 2020	
232.	Dewi Suryani, MM	<p>Lokakarya Integrasi Kebutuhan Pembelajaran Daring SILN dan Program SEAMEO Centres Indonesia [Workshop on Integrated Online SILN Learning Needs and SEAMEO Centers Indonesia Programs]</p> <p>Organized by: Kementerian Pendidikan dan Kebudayaan</p>	31 August 2020	Participant
233.	Sri Ismawati Soerianegara, MSc	<p>Krista Webinar: Penelitian Jamu Modern Berkualitas untuk Kesehatan Masyarakat dan Ekspor [Krista Webinar: Research on Quality Modern Herbal Medicine for Public Health and Export]</p> <p>Organized by: Krista Exhibition</p>	31 August 2020	Participant

234.	Harry Imantho, MSc	Webinar SMARTS-BE Talks Seri 5 Organized by: SMARTS-BE - BIOTROP	1 September 2020	Moderator
235.	Dewi Rahmawati, MSi	Webinar Peduli Ganoderma: Ancaman Ganoderma di Hutan Tanaman Industri [Webinar Caring for Ganoderma: The Threat of Ganoderma in Industrial Plantation Forests] Organized by: Best Planter Indonesia	1 September 2020	Participant
236.	Sri Widayanti, MSi	Innovative Solution for Quality Preservation and Long-Term Storage for High Value Grains Organized by: Grainpro	2 September 2020	Participant
237.	Herni Widhiastuti, SSi	Innovative Solution for Quality Preservation and Long-Term Storage for High Value Grains Organized by: Grainpro	2 September 2020	Participant
238.	Trijanti A. Widinni Asnan, MSi	Innovative Solution for Quality Preservation and Long-Term Storage for High Value Grains Organized by: Grainpro	2 September 2020	Participant
239.	Dr Aslan	Pelatihan Pengolahan Penginderaan Jauh menggunakan Google Earth Engine [Training Course on Remote Sensing Processing using Google Earth Engine] Organized by: SEAMEO BIOTROP	2 - 4 September 2020	Resource Person: Google Earth Engine Sebagai Salah Satu Solusi Efisien Pengolahan Big Data Penginderaan Jauh [Google Earth Engine As One Efficient Solution for Processing Remote Sensing Big Data]
240.	Armaiki Yusmur, MSi	Pelatihan Pengolahan Penginderaan Jauh menggunakan Google Earth Engine [Training Course on Remote Sensing Processing using Google Earth Engine] Organized by: SEAMEO BIOTROP	2-4 September 2020	Moderator
241.	Dewi Suryani, MM	Pelatihan Pengolahan Penginderaan Jauh menggunakan Google Earth Engine [Training Course on Remote Sensing Processing using Google Earth Engine] Organized by: SEAMEO BIOTROP	2-4 September 2020	Moderator
242.	Herni Widhiastuti, SSi	Seminar Daring Peranan Proteksi Tanaman dalam Menunjang Pertanian Berkelanjutan di Pulau- pulau Kecil [Online Seminar on the Role of Plant Protection in Supporting Sustainable Agriculture in Small Islands] Organized by: PEI Cabang Ambon	3 September 2020	Participant
243.	Sri Widayanti, MSi	Seminar Daring Peranan Proteksi Tanaman dalam Menunjang Pertanian Berkelanjutan di Pulau- Pulau Kecil [Online Seminar on the Role of Plant Protection in Supporting Sustainable Agriculture in Small Islands] Organized by: PEI Cabang Ambon	3 September 2020	Participant
244.	Ir Ina Retnowati	Seminar Online Mikoina Mengenal Diskomiset: Morfologi, Peranan Ekologi, dan Pemanfaatannya” [Mikoina Online Seminar on Discomiset: Morphology, Role of Ecology, and Its Use”] Organized by:	4 September 2020	Participant

		Perhimpunan Mikologi Indonesia		
245.	Nijma Nurfadila, MSi	Seminar Online Mikoina Mengenal Diskomiset: Morfologi, Peranan Ekologi, dan Pemanfaatannya” [Mikoina Online Seminar on Discomiset: Morphology, Role of Ecology, and Its Use”] Organized by: Perhimpunan Mikologi Indonesia	4 September 2020	Participant
246.	Dr Zulhamsyah Imran	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
247.	Tenni Wahyuni, AMd	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
248.	Rima Febriana, SE, Ak	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
249.	Sri Ismawati Soerianegara, MSc	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
250.	Puput Nisausholiha, SPi	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
251.	Dani Yudi Trisna, AMd.	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
252.	Asep Syaefudin, SE	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
253.	Lukman Haris, SSI	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
254.	Yuni Puspita Sari, MM	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
255.	Yunita, SP	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
256.	Dewi Suryani, MM	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM	7-11 September 2020	Participant

		Organized by: SEAMEO BIOTROP		
257.	Rasyid Aulia Rachman, SSI	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
258.	Devi Septrianti, SE	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	7-11 September 2020	Participant
259.	M. Tajudin, MM	Workshop Monitoring dan Evaluasi Keuangan Satker SEAMEO SEAMOLEC Periode August 2020 [Workshop on Financial Monitoring and Evaluation of SEAMEO SEAMOLEC Working Unit (Satker) for the period of August 2020] Organized by: SEAMEO SEAMOLEC	7-11 September 2020	Participant
260.	Herman Apriyadi, SE	Workshop Monitoring dan Evaluasi Keuangan Satker SEAMEO SEAMOLEC Periode August 2020 [Workshop on Financial Monitoring and Evaluation of SEAMEO SEAMOLEC Working Unit (Satker) for the period of August 2020] Organized by:] SEAMEO SEAMOLEC	7-11 September 2020	Participant
261.	Peri Siantuni, SE	Workshop Monitoring dan Evaluasi Keuangan Satker SEAMEO SEAMOLEC Periode August 2020 [Workshop on Financial Monitoring and Evaluation of SEAMEO SEAMOLEC Working Unit (Satker) for the period of August 2020] Organized by: SEAMEO SEAMOLEC	7-11 September 2020	Participant
262.	Dewi Suryani, MM	Webinar SMARTS-BE Talks Seri 6 Organized by: SMARTS-BE	8 September 2020	Moderator
263.	Dr Supriyanto	Webinar SMARTS-BE Talks Seri 6 Organized by: SMARTS-BE	8 September 2020	Resource Person: Wisata Parfum [Tour on Perfume]
264.	Bambang Sulistio, SSI	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
265.	Supriyatno, AMd	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
266.	Arif Nuryadin, BSc	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
267.	Dr Irdika Mansur	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by:	8-11 September 2020	Resource Person

		SEAMEO BIOTROP		
268.	Prof Dr Arief Sabdo Yuwono	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
269.	Prof Dr Bambang Purwantara	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
270.	Prof Ris Dr M. Winugroho	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
271.	Prof Dr Okky Setyawati Dharmaputra	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
272.	Dr Abdul Munif	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
273.	Dr Dewi Wulandari	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
274.	Dr Erina Sulistiani	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
275.	Dr Ichsan A. Fauzi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
276.	Dr Idham Sakti Harahap	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
277.	Dr Impron	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
278.	Dr Soekisman Tjitrosemito	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research	8-11 September 2020	Participant

		Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP		
279.	Dr Sri Sudarmiyati Tjitrosoedirdjo	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
280.	Dr Sri Yuliani	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
281.	Dr Supriyanto	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
282.	Dr Ulfah J. Siregar	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
283.	Indah Wahyuni, MSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
284.	Sri Widayanti, MSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
285.	Ir. Ina Retnowati	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
286.	Dewi Rahmawati, MSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
287.	Anidah, MTP	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
288.	Nijma Nurfadila, MSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant

289.	Saiful Bachri, SSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
290.	Herni Widhiastuti, SSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
291.	Slamet Widodo Sugiarto, SSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
292.	Jonner Situmorang, MSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
293.	Riana Hartati, SSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
294.	Harry Imantho, MSc	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
295.	Shella Marlinda, MSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
296.	Trijanti A. Widinni Asnan, MSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
297.	Armaiki Yusmur, MSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
298.	Santi Ambarwati, MSi	Workshop Penyusunan Roadmap Penelitian SEAMEO BIOTROP 2020-2030 [SEAMEO BIOTROP Workshop on Research Roadmap Preparation for 2020-2030] Organized by: SEAMEO BIOTROP	8-11 September 2020	Participant
299.	Rizkia Tirtani	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM	9-11 September 2020	Participant

		Organized by: SEAMEO BIOTROP		
300.	Woro Kanti Darmastuti, MSi	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	9-11 September 2020	Participant
301.	Zanne Sandriati Putri, SSI	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	9-11 September 2020	Participant
302.	Haritz Cahya Nugraha, MT	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	9-11 September 2020	Participant
303.	Asep Saepudin	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	9-11 September 2020	Participant
304.	Peri Siantuni, SE	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	9-11 September 2020	Participant
305.	Zulkarnaen Noor Syarif, SKom	Workshop on Document Preparation and Orientation of SEAMEO BIOTROP 58 th Virtual GBM Organized by: SEAMEO BIOTROP	9-11 September 2020	Participant
306.	Sri Widayanti, MSi	Seminar Fumigasi di Industri Food and Beverages, Pharmacy, Wood, Packaging dan Bakery" [Seminar on Fumigation in Food and Beverages, Pharmacy, Wood, Packaging and Bakery Industries] Organized by: Pestindo Central Optima (PCO)	9 September 2020	Participant
307.	Herni Widhiastuti, SSI	Seminar Fumigasi di Industri Food and Beverages, Pharmacy, Wood, Packaging dan Bakery" [Seminar on Fumigation in Food and Beverages, Pharmacy, Wood, Packaging and Bakery Industries] Organized by: Pestindo Central Optima (PCO)	9 September 2020	Participant
308.	Trijanti A. Widinni Asnan, MSi	Seminar Fumigasi di Industri Food and Beverages, Pharmacy, Wood, Packaging dan Bakery" [Seminar on Fumigation in Food and Beverages, Pharmacy, Wood, Packaging and Bakery Industries] Organized by: Pestindo Central Optima (PCO)	9 September 2020	Participant
309.	Dr Erina Sulistiani	Bimbingan Teknis dalam Kultur Jaringan Kentang [Technical Guidance on Potato Tissue Culture] Organized by: PT. Agra Intan Makmur Sejahtera	Garut, 11 September 2020	Resource Person
310.	Dewi Rahmawati, MSi	Webinar: Strategi Membangun Motivasi di Era Pandemi dan Trek Produksi [Webinar on Strategy to Build Motivation in the Era of Pandemic and Production Tracks]	14 September 2020	Participant

		Organized by: Best Planter Indonesia (BPI)		
311.	Dewi Suryani, MM	Pelatihan Implementasi Manajemen Risiko berdasarkan ISO 31000 [Training Course on Risk Management Implementation based on ISO 31000] Organized by: Badan Standarisasi Nasional (BSN)	14 September 2020	Participant
312.	Santi Ambarwati, MSi	Pelatihan Implementasi Manajemen Risiko berdasarkan ISO 31000 [Training Course on Risk Management Implementation based on ISO 31000] Organized by: Badan Standarisasi Nasional (BSN)	14 September 2020	Participant
313.	Dr Irdika Mansur	Webinar UNILA Organized by: UNILA	15 September 2020	Resource Person
314.	Sri Widayanti, MSi	Webinar SMARTS-BE Talks Seri 7 Organized by: SMARTS-BE	15 September 2020	Moderator
315.	Trijanti A. Widinni Asnan, MSi	Webinar SMARTS-BE Talks Seri 7 Organized by: SMARTS-BE	15 September 2020	Participant
316.	Rima Febriana, SE, Ak	FGD Penyusunan Jurnal CECCEP Tahun 2020 Tahap II [FGD on CECCEP Journal Preparation 2020 Phase II] Organized by: SEAMEO CECCEP	15-16 September 2020	Resource Person
317.	Sri Ismawati Soerianegara, MSc	FGD Penyusunan Jurnal CECCEP Tahun 2020 Tahap II [FGD on CECCEP Journal Preparation 2020 Phase II] Organized by: SEAMEO CECCEP	15-16 September 2020	Resource Person
318.	Zanne Sandriati Putri, SSI	FGD Penyusunan Jurnal CECCEP Tahun 2020 Tahap II [FGD on CECCEP Journal Preparation 2020 Phase II] Organized by: SEAMEO CECCEP	15-16 September 2020	Resource Person
319.	Dr Irdika Mansur	Webinar Evaluasi Peran Forum Perbenihan Tanaman Hutan Tingkat Nasional [Webinar on the Evaluation of the Role of the National Forest Plant Seedling Forum] Organized by: Direktorat Perbenihan Tanaman Hutan Direktorat Jenderal PDASHL, KLHK	15-17 September 2020	Resource Person
320.	Dewi Rahmawati, MSi	Webinar Bioteknologi untuk Meningkatkan Produktivitas Tanaman [Biotechnology Webinar to Increase Crop Productivity] Organized by: Balai Penelitian & Pengembangan Tanaman, Kementerian Pertanian	16 September 2020	Participant
321.	Lillys Betty Yuliawati, SSI	Webinar Bioteknologi untuk Meningkatkan Produktivitas Tanaman [Biotechnology Webinar to Increase Crop Productivity] Organized by: Balai Penelitian & Pengembangan Tanaman,	16 September 2020	Participant

		Kementerian Pertanian		
322.	Sri Widayanti, MSi	Pelatihan Teknik Fumigasi Sulfuril Flourida (SO ₂ F ₂) [Training Course on Sulfuryl Fluoride (SO ₂ F ₂) Fumigation Technique] Organized by: PT. Kristalindo Karunia Internasional	16-17 September 2020	Resource Person
323.	Dr Irdika Mansur	Rapat Koordinasi GB Indonesia [GB Indonesia Coordination Meeting] Organized by: Biro Kerja Sama dan Hubungan Masyarakat (BKHM), Kemendikbud	16 September 2020	Resource Person
324.	Ir Ina Retnowati	World Class Professor (WCP) 2020 Webinar Series 1: Mycotoxin in Food: Human Health and Prevention Organized by: Universitas Riau, Pekanbaru	17 September 2020	Participant
325.	Anidah, MTP	Webinar Pemenuhan Kriteria Keamanan Pangan pada Proses Sertifikasi Halal [Webinar on the Fulfillment of Food Safety Criteria in the Halal Certification Process] Organized by: LPPOM MUI	17 September 2020	Participant
326.	Anidah, MTP	Mycotoxin in Food: Human Health and Prevention Organized by: UNRI	17 September 2020	Participant
327.	Nijma Nurfadila, MSi	Mycotoxin in Food: Human Health and Prevention Organized by: UNRI	17 September 2020	Participant
328.	Santi Ambarwati, MSi	World Class Professor (WCP) 2020 Webinar Series 1: Mycotoxin in Food: Human Health and Prevention Organized by: UNRI	17 September 2020	Participant
329.	Dewi Rahmawati, MSi	Webinar Tumbuhan dan Mikroba [Webinar on Plants and Microbes] Organized by: Universitas PGRI Madiun	18 September 2020	Participant
330.	Lillys Betty Yuliawati, SSi	Webinar Tumbuhan dan Mikroba [Webinar on Plants and Microbes] Organized by: Universitas PGRI Madiun	18 September 2020	Participant
331.	Sri Widayanti, MSi	Webinar SMARTS-BE Talks Seri 8 Organized by: SMARTS-BE	22 September 2020	Participant
332.	Sri Widayanti, MSi	Webinar Peningkatan Daya Saing Industri melalui Kalibrasi Peralatan Operasi secara Berkala [Webinars on Increasing Industrial Competitiveness through Periodic Calibration of Operating Equipment] Organized by: Sucofindo	22 September 2020	Participant
333.	Nijma Nurfadila, MSi	Webinar Peningkatan Daya Saing Industri melalui Kalibrasi Peralatan Operasi secara Berkala [Webinars on Increasing Industrial Competitiveness through Periodic Calibration of Operating Equipment] Organized by:	22 September 2020	Participant

		Sucofindo		
334.	Dewi Rahmawati, MSi	Webinar Peduli Ganoderma: Mewaspada Degradasi Tanah Menghindari Ancaman Ketidakberlanjutan Perkebunan [Webinar Caring for Ganoderma: Awareness on Soil Degradation to avoid the Threat of Unsustainable Plantations] Organized by: Best Planter Indonesia (BPI)	22 September 2020	Participant
335.	Dr Supriyanto	Webinar SMARTS-BE Talks Seri 8 Organized by: SMARTS-BE	22 September 2020	Resource Person: Pembuatan Pupuk Organik Cair Melalui Proses Bioenzim Dari Limbah Buah dan Sayur [Making Liquid Organic Fertilizer by Processing Bioenzyme from Fruit and Vegetables Wastes]
336.	Dewi Suryani, MM	One CGIAR Global Webinar Series-Regulation and Genome Edited Plants Organized by: Consultative Group on International Agricultural Research (CGIAR)	23 September 2020	Participant
337.	Anidah, MTP	Virtual Workshop in Bioinformatics: Drug Development for Fighting Covid-19 Organized by: Universitas Surabaya	25 September 2020	Participant
338.	Anidah, MTP	Molecular Approach of Pathogen Detection: Enhancement of Food Safety Level Organized by: SEAFast	26 September 2020	Participant
339.	Nijma Nurfadila, MSi	Molecular Approach of Pathogen Detection: Enhancement of Food Safety Level Organized by: SEAFast	26 September 2020	Participant
340.	Dewi Rahmawati, MSi	Molecular Approach of Pathogen Detection: Enhancement of Food Safety Level Organized by: SEAFast	26 September 2020	Participant
341.	Herni Widhiastuti, SSI	Webinar Ilmiah Mengungkap Peran Aplikasi Anatomi dan Konservasi Genetik di Dunia Penelitian [Scientific Webinar on Revealing the Role of Genetic Anatomy and Conservation Applications in the Research World] Organized by: Universitas Pakuan	26 September 2020	Participant
342.	Haritz Cahya Nugraha, MT	Workshop Penyesuaian Jabatan Pelaksana [Workshop on Adjusting Implementing Position Workshop] Organized by: Kementerian Pendidikan dan Kebudayaan	28-30 September 2020	Participant
343.	Dewi Rahmawati, MSi	Webinar Peduli Ganoderma: Pengalaman Pengendalian Rayap di Perkebunan Sawit [Webinar on Caring for Ganoderma: Termite Control Experience in Oil Palm Plantations] Organized by: Best Planter Indonesia (BPI)	29 September 2020	Participant
344.	Herni Widhiastuti, SSI	Webinar SMARTS-BE Talk Seri 9 Organized by: SMARTS-BE	29 September 2020	Participant

345.	Slamet Widodo Sugiarto, SSI	Webinar SMARTS-BE Talks Seri 9 Organized by: SMARTS-BE	29 September 2020	Moderator
346.	Dr Erina Sulistiani	Bimtek Penyiapan Sumber Eksplan [Technical Guidance on Preparation of Explant Sources] Organized by: SEAMEO BIOTROP	29 September 2020	Resource Person
347.	Samsul A. Yani, SSI	Bimtek Penyiapan Sumber Eksplan [Technical Guidance on Preparation of Explant Sources] Organized by: SEAMEO BIOTROP	29 September 2020	Resource Person
348.	Rosadi Kartawijaya, SPd	Bimtek Penyiapan Sumber Eksplan [Technical Guidance on Preparation of Explant Sources] Organized by: SEAMEO BIOTROP	Bogor, 29 September 2020	Participant
349.	Hasan Basri	Bimtek Penyiapan Sumber Eksplan [Technical Guidance on Preparation of Explant Sources] Organized by: SEAMEO BIOTROP	Bogor, 29 September 2020	Participant
350.	Agus Suryani	Bimtek Penyiapan Sumber Eksplan [Technical Guidance on Preparation of Explant Sources] Organized by: SEAMEO BIOTROP	Bogor, 29 September 2020	Participant
351.	Muhammad Yusup	Bimtek Penyiapan Sumber Eksplan [Technical Guidance on Preparation of Explant Sources] Organized by: SEAMEO BIOTROP	Bogor, 29 September 2020	Participant
352.	Herni Widhiastuti, SSI	Krista Webinar "Jamu Modern & Kosmetik Indonesia untuk Pasar Indonesia, India, Pakistan, Bangladesh, Nepal & Sri Lanka [Krista Webinar on Indonesian Modern Herbal Medicine & Cosmetics for Indonesia, India, Pakistan, Bangladesh, Nepal & Sri Lanka Markets] Organized by: Krista Exhibitions dan GP Jamu	30 September 2020	Participant
353.	Dr Abdul Munif	SMARTS-BE Talks Seri 10 Organized by: SMARTS-BE SEAMEO BIOTROP	6 October 2020	Moderator
354.	Ir Ina Retnowati	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
355.	Dewi Rahmawati, MSi	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
356.	Anidah, MTP	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by:	6 October 2020	Participant

		Lab Mania		
357.	Saiful Bachri, SSI	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
358.	Sunardi Ikay	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
359.	Nijma Nurfadila, MSi	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
360.	Riana Hartati, SSI	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
361.	Didi Junaedi, AMd	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
362.	Shella Marlinda, MSi	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
363.	Trijanti A. Widinni Asnan, MSi	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
364.	Irawan	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
365.	Risa Rosita, SSI	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
366.	Jonner Situmorang, MSi	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
367.	Iman	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium	6 October 2020	Participant

		[Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania		
368.	Hery Yanto	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
369.	Eko Purwiyanto	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
370.	Dika Zulkarnaen, SSI	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
371.	Gita Hanipah, SSI	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
372.	Andriansyah	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
373.	Syifa Fauzia, SSI	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
374.	Lydia Ayu Utami, SSI	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
375.	Siti Sulastri Rangkyu, SSI	Training Online via Webinar Teknik Pengelolaan Limbah Laboratorium [Online Training on Laboratory Waste Management Techniques] Organized by: Lab Mania	6 October 2020	Participant
376.	Herni Widhiastuti, SSI	Webinar SMARTS-BE Talks Seri 10 Organized by: SMARTS-BE SEAMEO BIOTROP	6 October 2020	Participant
377.	Herni Widhiastuti, SSI	Webinar Sosialisasi Perizinan Penelitian Asing [Webinar on Socialization of Foreign Research Licensing] Organized by: Direktorat Pengelolaan Kekayaan Intelektual dan Kementerian Riset dan teknologi/BRIN	6 October 2020	Participant
378.	Dr Irdika Mansur	58 th SEAMEO BIOTROP Governing Board Meeting	6-7 October	Participant

		Organized by: SEAMEO BIOTROP	2020	
379.	Dr Zulhamsyah Imran	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
380.	Rima Febriana, SE, Ak	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
381.	Tenni Wahyuni, AMd	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
382.	Sri Ismawati Soerianegara, MSc	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
383.	Zanne Sandriati Putri, SSi	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
384.	Haritz Cahya Nugraha, MT	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
385.	Woro Kanti Darmastuti, MSi	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
386.	Dani Yudi Trisna, AMd	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
387.	Asep Saepudin	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
388.	Lidia Defita, SKom	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
389.	Yuni Puspita Sari, MM	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
390.	Lukman Haris, SSi	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
391.	Bambang Sulistio, SSi	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
392.	Supriyatno, AMd	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
393.	Dr Aslan	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
394.	Sri Widayanti, MSi	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant

395.	Risa Rosita, SSI	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
396.	Riza Fadli Assegaf	58 th SEAMEO BIOTROP Governing Board Meeting Organized by: SEAMEO BIOTROP	6-7 October 2020	Participant
397.	Yunita, SP	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant
398.	Dewi Suryani, MM	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant
399.	Lastiah, SE	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant
400.	Lillys Betty Yuliawati, SSI	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant
401.	Zulkarnaen Noor Syarif, SKom	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant
402.	Fitri Junaedy, SEI	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant
403.	Puput Nisausholiha, SPi	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant
404.	Ulfah Zul Farisa, SHut	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant
405.	Aan Darwati, SAK	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant

406.	Ratnaningsih, SSI	Pelatihan Pemahaman Pengendalian Dokumen dan Sistem Arsip [Training Course on Understanding Document Control and Archiving Systems] Organized by: Multi Kompetensi Training and Consultation	8 October 2020	Participant
407.	Sri Widayanti, MSi	Webinar Teknik Koleksi dan Fotografi Serangga [Webinar on Insect Photography and Collection Techniques] Organized by: Perhimpunan Entomologi Indonesia	12 October 2020	Participant
408.	Herni Widhiastuti, SSI	Webinar on Insect for the Sustainability of Life Organized by: Perhimpunan Entomologi Indonesia bekerjasama dengan Pusat Peragaan IPTEK (PP IPTEK)	12 October 2020	Participant
409.	Trijanti A. Widinni Asnan, MSi	Webinar Teknik Koleksi dan Fotografi Serangga [Webinar on Insect Photography and Collection Techniques] Organized by: Perhimpunan Entomologi Indonesia	12 October 2020	Participant
410.	Dr Irdika Mansur	FGD Sektor Lubang Tambang di Wilayah IKN [FGD on Mining Pit Sector in IKN Area] Organized by: Kementerian Perencanaan Pembangunan Nasional/Badan Perencanaan Pembangunan Nasional Republik Indonesia	13 October 2020	Resource Person Materi: 1. Penilaian terhadap Hasil Klasifikasi Arah Pemanfaatan Lubang Tambang [Assessment of the Directional Classification Results of Mining Hole Utilization] 2. Rekomendasi Strategi Pengelolaan Lubang Tambang dan Aspek Kelembagaan [Recommendations for Mining Pit Management Strategy and Institutional Aspects]
411.	Slamet Widodo Sugiarto, SSI	Webinar SMARTS-BE Talks Seri 11 Organized by: SMARTS-BE, SEAMEO BIOTROP	13 October 2020	Resource Person Analisis Spasial Pemasaran Buah [Spatial Analysis for Fruit Marketing]
412.	Dewi Suryani, MM	Webinar SMARTS-BE Talks Seri 11 Organized by: SMARTS-BE, SEAMEO BIOTROP	13 October 2020	Moderator
413.	Indra Septian, AMd	Webinar Implementasi K3 Selama Masa Pandemi [Webinar on the Implementation Occupational Health and Safety During the Pandemic] Organized by: BPJS Ketenagakerjaan	13 October 2020	Participant
414.	Eko Purwiyanto	Webinar SMARTS-BE Talks Seri 11 Organized by: SMARTS-BE, SEAMEO BIOTROP	13 October 2020	Participant
415.	Ratnaningsih, SSI	Training Online Kupas Tuntas Teknik Analisa Biological Oxygen Demand (BOD) pada Air dan Air Limbah Sesuai SNI 6989.72:2019 [Online Training Course on Technique for Analyzing Biological Oxygen Demand (BOD) in Water and Wastewater Based on SNI 6989.72:2019] Organized by: Lab Mania	13 October 2020	Participant

416.	Gita Hanipah, SSI	Training Online Kupas Tuntas Teknik Analisa Biological Oxygen Demand (BOD) pada Air dan Air Limbah Sesuai SNI 6989.72:2019 [Online Training Course on Technique for Analyzing Biological Oxygen Demand (BOD) in Water and Wastewater Based on SNI 6989.72:2019] Organized by: Lab Mania	13 October 2020	Participant
417.	Andriansyah	Training Online Kupas Tuntas Teknik Analisa Biological Oxygen Demand (BOD) pada Air dan Air Limbah Sesuai SNI 6989.72:2019 [Online Training Course on Technique for Analyzing Biological Oxygen Demand (BOD) in Water and Wastewater Based on SNI 6989.72:2019] Organized by: Lab Mania	13 October 2020	Participant
418.	Restu Detiana Putri	Training Online Kupas Tuntas Teknik Analisa Biological Oxygen Demand (BOD) pada Air dan Air Limbah Sesuai SNI 6989.72:2019 [Online Training Course on Technique for Analyzing Biological Oxygen Demand (BOD) in Water and Wastewater Based on SNI 6989.72:2019] Organized by: Lab Mania	13 October 2020	Participant
419.	Dewi Suryani, MM	Webinar Series BIPA SEAQIL Organized by: SEAQIL	13-15 October 2020	Participant
420.	Nijma Nurfadila, MSi	Sensory Science Workshop, The 6 th FiA Conference 2020 "on Food Science, Nutrition and Health" Jointly Organized by: PATPI, SEAFASST	15 October 2020	Resource Person Effectiveness of Yeast, <i>Acetobacter aceti</i> , and Mangosteen Rind Extract on Physicochemical Properties in Dried Cocoa Beans
421.	Saiful Bachri, SSI	Webinar HIGI-03 Organized by: HIGI	16 October 2020	Participant
422.	Dr Zulhamsyah Imran	Diaspora Talk I: "Menjadi Dosen di Manca Negara pada Era Global, Mengapa Tidak? " [Diaspora Talk I: "Being a Lecturer in Foreign Countries in the Global Era, Why Not? "] Organized by: SEAMEO BIOTROP	17 October 2020	Moderator
423.	Dr Erina Sulistiani	Pelatihan Daring Kultur Jaringan Rumput Laut dan Budidaya Lobster Air Tawar [Online Training on Seaweed Network Culture and Freshwater Lobster Cultivation] Organized by: Kerja sama SEAMEO BIOTROP dan SMKN 1 Mambo	19-23 October 2020	Resource Person Kultur Jaringan Rumput Laut [Seaweed Propagation using Tissue Culture Technique]
424.	Shella Marlinda, MSi	Pelatihan Daring Kultur Jaringan Rumput Laut dan Budidaya Lobster Air Tawar [Online Training on Seaweed Network Culture and Freshwater Lobster Cultivation] Organized by: Kerja sama SEAMEO BIOTROP dan SMKN 1 Mambo	19-23 October 2020	Resource Person Budidaya Lobster Air Tawar [Freshwater Lobster Cultivation]
425.	Yadi Supriadi	Pelatihan Operator SIMAK Sesi 1 [Training Session 1: SIMAK Operator] Organized by: IPB University	19-20 October 2020	Participant
426.	Dewi Rahmawati,	Webinar Kriteria Penting Memilih Produk	20 October 2020	Participant

	MSi	Trichoderma Berkualitas [Webinar on Important Criteria for Choosing Quality Trichoderma Products] Organized by: Best Planter Indonesia (BPI)		
427.	Herni Widhiastuti, SSi	Webinar SMARTS-BE Talks Seri 12 Organized by: SMARTS-BE SEAMEO BIOTROP	20 October 2020	Participant
428.	Dr Supriyanto	Pelatihan Manajemen Lahan Berbasis Teknologi Spasial [Training Course on Spatial Technology-Based Land Management] Organized by: SEAMEO BIOTROP	20 and 24 October 2020	Resource Person 1. Konsep Manajemen dan Tata Guna Lahan [The Concepts of Land Management and Land Use] 2. Konsep penyiapan Teaching Factory (TEFA) [The concept of setting up a Teaching Factory (TEFA)]
429.	Armaiki Yusmur, MSi	Pelatihan Manajemen Lahan Berbasis Teknologi Spasial [Training Course on Spatial Technology-Based Land Management] Organized by: SEAMEO BIOTROP	20 October 2020	Resource Person Desain dan Perencanaan Tata Guna Lahan [Land Use Designs and Plannings]
430.	Slamet Widodo Sugiarto, SSi	Pelatihan Manajemen Lahan Berbasis Teknologi Spasial [Training Course on Spatial Technology-Based Land Management] Organized by: SEAMEO BIOTROP	20-23 October 2020	Resource Person 1. Teknik Pemetaan dan Survei Lahan [Land Mapping and Survey Techniques] 2. Analisis Spasial dan Pengolahan Data Hasil Survei untuk Manajemen dan Tata Guna Lahan [Spatial Analysis and Data Processing Resulted from the Survey of Land Use and Management] 3. Analisis Satuan Kemampuan Lahan [Unit Analysis on Land Capability] 4. Penyusunan Informasi Manajemen Lahan Berbasis Spasial [Preparation of Information on Spatial-Based Land Management]
431.	Harry Imantho, MSc	Pelatihan Manajemen Lahan Berbasis Teknologi Spasial [Training Course on Spatial Technology-Based Land Management] Organized by: SEAMEO BIOTROP	20-21 October 2020	Resource Person 1. Teknik Pengambilan Sample dan Parameter Fisik untuk Analisis Manajemen Lahan [Sampling Techniques and Physical Parameters for Land Management Analysis] 2. Analisis Sample dan Parameter Fisik untuk Manajemen dan tata Guna Lahan [Analyzing Samples and Physical Parameters for Land Management and Land Use] 3. Analisis dan Pengolahan Data iklim untuk Analisis Budidaya Pertanian [Analyzing and Processing Climatic Data]

				for Analysis of Agricultural Cultivation 4. Analisis Keseuaian Lahan [Land Suitability Analysis]
432.	Dewi Suryani, MM	Pelatihan Manajemen Lahan Berbasis Teknologi Spasial [Training Course on Spatial Technology-Based Land Management] Organized by: SEAMEO BIOTROP	20-24 October 2020	Moderator
433.	Herni Widhiastuti, SSi	Webinar Pesona dan Eksotis Teh Indonesia [Webinar on Enchantment and Exotic Indonesian Tea] Organized by: RPN	21 October 2020	Participant
434.	Dr Impron	Pelatihan Manajemen Lahan Berbasis Teknologi Spasial [Training course on Spatial Technology-Based Land Management] Organized by: SEAMEO BIOTROP	22 October 2020	Resource Person Optimalisasi Data Iklim untuk Budidaya Pertanian [Optimization of Climate Data for Agricultural Cultivation]
435.	Sri Widayanti, MSi	Webinar Inovasi Teknologi Pengendalian Kopi Berkelanjutan Menghadapi Tantangan Pasar Global [Webinar on Innovation of Sustainable Coffee Control Technology in Facing Global Market Challenges] Organized by: Balai Penelitian Tanaman Industri dan Penyegar	22 October 2020	Participant
436.	Sri Widayanti, MSi	Virtual Seminar on Integrated Pest Management of <i>Spodoptera frugiperda</i> with main theme: Insect for the Sustainability of Life Organized by: Perhimpunan Entomologi Indonesia	22 October 2020	Participant
437.	Herni Widhiastuti, SSi	Virtual Seminar on Integrated Pest Management of <i>Spodoptera frugiperda</i> with main theme: Insect for the Sustainability of Life Organized by: Perhimpunan Entomologi Indonesia	22 October 2020	Participant
438.	Trijanti A. Widinni Asnan, MSi	Virtual Seminar on Integrated Pest Management of <i>Spodoptera frugiperda</i> with main theme: Insect for the Sustainability of Life Organized by: Perhimpunan Entomologi Indonesia	22 October 2020	Participant
439.	Dewi Rahmawati, MSi	Webinar Penerapan SNI ISO/IEC 27001:2013 Sistem Manajemen Keamanan Informasi untuk Mendukung Terwujudnya Smart City [Webinar on Application of SNI ISO/IEC 27001:2013 Information Security Management System to Support the Realization of Smart City] Organized by: BSN (Badan Standarisasi Nasional)	22 October 2020	Participant
440.	Trijanti A. Widinni Asnan, MSi	Webinar Inovasi Teknologi Pengendalian Kopi Berkelanjutan Menghadapi Tantangan Pasar Global [Webinar on Innovation of Sustainable Coffee Control Technology in Facing Global Market Challenges] Organized by: Balai Penelitian Tanaman Industri dan Penyegar	22 October 2020	Participant
441.	Santi Ambarwati, MSi	Pelatihan Manajemen Lahan Berbasis Teknologi Spasial [Training course on Spatial Technology-Based	24 October 2020	Resource Person Teknik Penanganan Pasca Panen

		Land Management] Organized by: SEAMEO BIOTROP		[Postharvest Handling Techniques]
442.	Sri Widayanti, MSi	Pelatihan Manajemen Lahan Berbasis Teknologi Spasial [Training course on Spatial Technology-Based Land Management] Organized by: SEAMEO BIOTROP	24 October 2020	Resource Person Teknik Penanganan Hama Gudang/Penyimpanan/ Distribusi [Technique for Controlling Storage/Warehouse/ Distribution Pests]
443.	Herni Widhiastuti, SSi	Seminar Online Seri 6 Tanaman Pemanis: Pengelolaan Hama dan Penyakit Tanaman Tebu untuk Peningkatan Produksi Gula Menuju Pencapaian Swasembada Gula Konsumsi 2023 [Online Seminar Series 6 on Sweetener Crops: Management of Sugarcane Pests and Diseases to Increase Sugar Production for Achieving Self-Sufficiency in Sugar Consumption in 2023] Organized by: Balai Penelitian Tanaman Pemanis dan Serat, Badan Litbang, Kementerian Pertanian	27 October 2020	Participant
444.	Herni Widhiastuti, SSi	Webinar Dialog Konservasi: Hidup Hijau dengan Eco-Enzyme [Webinar on Conservation: Living Green with Eco-Enzymes] Organized by: Yayasan Konservasi Alam Nusantara	27 October 2020	Participant
445.	Dr Erina Sulistiani, MSi	Pertemuan Tenaga Teknis Laboratorium Kultur Jaringan [Meeting of Tissue Culture Laboratory Technical Personnel] Organized by: Kementerian Lingkungan Hidup dan Kehutanan	27 October 2020	Resource Person Standar Pengelolaan Laboratorium Kultur Jaringan [Standards for Tissue Culture Laboratory Management]
446.	Dr Supriyanto	Webinar SMARTS-BE Talks Seri 13 Organized by: SMARTS-BE SEAMEO BIOTROP	27 October 2020	Moderator
447.	Sri Widayanti, MSi	Assessment on Integrated Pest Management Programs Organized by: PT. Golden Grain Mills	2-4 November 2020	Assessor
448.	Trijanti A. Widinni Asnan, MSi	Assessment on Integrated Pest Management Programs Organized by: PT. Golden Grain Mills	2-4 November 2020	Assessor
449.	Herni Widhiastuti, SSi	SMARTS-BE Talks Seri 13 Organized by: SMARTS-BE, SEAMEO BIOTROP	3 November 2020	Participant
450.	Harry Imantho, MSc	SMARTS-BE Talks Seri 13 Organized by: SMARTS-BE, SEAMEO BIOTROP	3 November 2020	Participant
451.	Santi Ambarwati, MSi	Webinar Penanganan Bahan Acuan [Webinar on Handling Reference Materials] Organized by:	3 November 2020	Participant
452.	Dr Erina Sulistiani	SMARTS-BE Talks Seri 14 Organized by: SMARTS-BE, SEAMEO BIOTROP	3 November 2020	Resource Person Kultur Jaringan Tanaman Pisang Cavendish [Propagation of Cavendish Banana Plant by Using Tissue Culture Technique]
453.	Dr Aslan	Diskusi Pojok Iklim dengan tema “Dibawah 2 Derajat: Sains Dibalik Negosiasi Perubahan Iklim”	4 November 2020	Participant

		[Climate Corner Discussion with the theme “Below 2 Degrees: The Science Behind Climate Change Negotiations”] Organized by: Kementerian Lingkungan Hidup dan Kehutanan		
454.	Armaiki Yusmur, MSi	Diskusi Pojok Iklim dengan tema “Dibawah 2 Derajat: Sains Dibalik Negosiasi Perubahan Iklim” [Climate Corner Discussion with the theme “Below 2 Degrees: The Science Behind Climate Change Negotiations”] Organized by: Kementerian Lingkungan Hidup dan Kehutanan	4 November 2020	Participant
455.	Herni Widhiastuti, SSi	Webinar Ekowisata PJJ: Jitu Mengolah Sampah Rumah Tangga (Organik & Anorganik) [Webinar on Long-distance Training on Ecotourism: Accurately Processing Household Waste (Organic & Inorganic)] Organized by: ILUNI UI	7 November 2020	Participant
456.	Sri Widayanti, MSi	Assessment on Integrated Pest Management Programs Organized by: PT. Eastern Peart Flour Mills	9-11 November 2020	Assessor
457.	Trijanti A. Widinni Asnan, MSi	Assessment on Integrated Pest Management Programs Organized by: PT. Eastern Peart Flour Mills	9-11 November 2020	Assessor
458.	Dr Zulhamsyah Imran	Workshop Monitoring dan Evaluasi Keuangan Satker SEAMEO SEAMOLEC Periode October 2020 [Workshop on Financial Monitoring and Evaluation of SEAMEO SEAMOLEC Working Unit (Satker) for the October 2020 Period] Organized by: SEAMEO SEAMOLEC	9-11 November 2020	Participant
459.	Bambang Sulistio, SSi	Workshop Monitoring dan Evaluasi Keuangan Satker SEAMEO SEAMOLEC Periode October 2020 [Workshop on Financial Monitoring and Evaluation of SEAMEO SEAMOLEC Working Unit (Satker) for the October 2020 Period] Organized by: SEAMEO SEAMOLEC	9-11 November 2020	Participant
460.	Peri Siantuni, SE	Workshop Monitoring dan Evaluasi Keuangan Satker SEAMEO SEAMOLEC Periode October 2020 [Workshop on Financial Monitoring and Evaluation of SEAMEO SEAMOLEC Working Unit (Satker) for the October 2020 Period] Organized by: SEAMEO SEAMOLEC	9-11 November 2020	Participant
461.	Herman Apriyadi, SE	Workshop Monitoring dan Evaluasi Keuangan Satker SEAMEO SEAMOLEC Periode October 2020 [Workshop on Financial Monitoring and Evaluation of SEAMEO SEAMOLEC Working Unit (Satker) for the October 2020 Period] Organized by: SEAMEO SEAMOLEC	9-11 November 2020	Participant
462.	Arif Nuryadin, BSc	Workshop Monitoring dan Evaluasi Keuangan Satker SEAMEO SEAMOLEC Periode October 2020 [Workshop on Financial Monitoring and Evaluation of SEAMEO SEAMOLEC Working Unit (Satker) for the October 2020 Period]	9-11 November 2020	Participant

		Organized by: SEAMEO SEAMOLEC		
463.	Prof Dr Okky Setyawati Dharmaputra	The 4 rd International Conference on Eco Engineering Development (ICEED): Eco Engineering, Technology, Planning and Design for Sustainable Living Environment Organized by: SEAMEO BIOTROP	10 November 2020	Keynote Speaker Good Postharvest Handling Practice to Minimize Mycotoxigenic Fungi Infection in Foodstuff
464.	Dewi Rahmawati, MSi	Webinar: cara kerja mikroba dalam menyuburkan dan menyehatkan tanah perkebunan [Webinar on How Microbes Work in Fertilizing and Nourishing Plantation Soil] Organized by: Best Planter Indonesia (BPI)	10 November 2020	Participant
465.	Harry Imantho, MSc	SMARTS-BE Talks Seri 15 Organized by: SMARTS-BE, SEAMEO BIOTROP	10 November 2020	Resource Person Peranan Teknologi Informasi Spasial dalam Pertanian 4.0 [The Role of Spatial Information Technology in Agriculture 4.0]
466.	Dr Supriyanto	SMARTS-BE Talks Seri 15 Organized by: SMARTS-BE, SEAMEO BIOTROP	10 November 2020	Moderator
467.	Dr Erina Sulistiani	Webinar Dies Natalis Fahatan Universitas Sumatera Utara [Webinar on Dies Natalis of the Faculty of Forestry of the University of North Sumatra] Organized by: Universitas Sumatera Utara	10 November 2020	Resource Person
468.	Lastiah, SE	Webinar Menciptakan Pengalaman Pelanggan Yang Ekselen di Era Digital [Webinar on Creating an Excellent Customer Experience in the Digital Age]	10 November 2020	Participant
469.	Nijma Nurfadila, MSi	Webinar Sosialisasi Perizinan Penelitian Asing [Webinar on Socialization of Foreign Research Licensing] Organized by: Kementerian Riset dan Teknologi/Bada Riset dan Inovasi Nasional	10 November 2020	Participant
470.	Dewi Suryani, MM	International Conference ICEED 2020 Organized by: ICEED 2020	10 November 2020	Participant
471.	Bambang Sulistio, SSi	Studi Banding Pengelolaan PNBP Fungsional Laboratorium [Comparative Study on Laboratory Functional PNBP Management] Organized by: SEAMEO BIOTROP	11-14 November 2020	Participant
472.	Arif Nuryadin, BSc	Studi Banding Pengelolaan PNBP Fungsional Laboratorium [Comparative Study on Laboratory Functional PNBP Management] Organized by: SEAMEO BIOTROP	11-14 November 2020	Participant
473.	Eko Purwiyanto	Studi Banding Pengelolaan PNBP Fungsional Laboratorium [Comparative Study on Laboratory Functional PNBP Management] Organized by: SEAMEO BIOTROP	11-14 November 2020	Participant

474.	Sri Widayanti, MSi	<p>Pelatihan Teknik Fumigasi dan Pengelolaan Hama Gudang Terpadu (PHGT) [Training Course on Integrated Storage Pests Management and Fumigation Techniques (PHGT)]</p> <p>Organized by: PT Makassar Tene</p>	12-13 November 2020	<p>Resource Person</p> <ol style="list-style-type: none"> 1. Pengenalan Serangga Hama Gudang [Introduction to Storage Insect Pests] 2. Pengelolaan Hama Gudang Terpadu (PHGT) [Integrated Storage Pests Management] 3. Monitoring Serangga Hama Gudang [Monitoring Storage Insect Pests] 4. Teknik Fumigasi Fosfin [Fumigation Technique using Phosphine] 5. Teknik Fumigasi Fosfin atau Inspeksi Area Pabrik [Phosphine Fumigation Technique or Inspection on Factory Area]
475.	Trijanti A. Widinni Asnan, MSi	<p>Pelatihan Teknik Fumigasi dan Pengelolaan Hama Gudang Terpadu (PHGT) [Training Course on Integrated Storage Pests Management and Fumigation Techniques (PHGT)]</p> <p>Organized by: PT Makassar Tene</p>	12-13 November 2020	<p>Asisten Resource Person</p> <ol style="list-style-type: none"> 1. Evaluasi Awal Pelatihan [Initial Evaluation of the Training Course] 2. Evaluasi Akhir Pelatihan [Final Evaluation of the Training Course]
476.	Indra Septian, AMd	<p>Seminar daring Virtual KPKNL Tangerang II dalam rangkaian HUT DJKN [KPKNL Tangerang II Virtual Seminar on the DJKN's Anniversary]</p>	12 November 2020	Participant
477.	Zulkarnaen Noor Syarif, SKom	<p>Seminar Online - Sistem Manajemen Mutu [Online Seminar on Quality Management System]</p>	12 November 2020	Participant
478.	Dr Soekisman Tjitrosemito	<p>2nd Quarterly Public Seminar Series: Perkembangan Konsep Gulma dan Implikasi Pengelolaannya [2nd Quarterly Public Seminar Series: The Development of Weed Concept and Its Management Implications]</p> <p>Organized by: SEAMEO BIOTROP</p>	12 November 2020	<p>Resource Person</p> <p>Pemahaman Proses Invasi Gulma dan Implikasi Pengelolaan Gulma Jangka Panjang [Understanding the Weed Invasion Process and Its Implications on Long-Term Weed Management]</p>
479.	Santi Ambarwati, MSi	<p>Webinar Interpretasi Hasil Kalibrasi [Webinar on Interpretation of Calibration results]</p> <p>Organized by: Komisi Akreditasi Nasional (National Standardization Committee)</p>	13-14 November 2020	Participant
480.	Shella Marlinda, MSi	<p>Pelatihan Budidaya Air Tawar dan Akuaponik. [Training in Freshwater Aquaculture and Aquaponics]</p> <p>Organized by: SMKN Riau (Agricultural State Vocational School, Riau)</p>	14 and 16 November 2020	Resource Person
481.	Dewi Rahmawati, MSi	<p>Webinar: Membahas Pohon Industri Kelapa sawit (Peluang dan Tantangan Generasi Penerus Milenial) [Webinar on Discussing the Palm Oil Industry Tree (Opportunities and Challenges of the Millennial Next Generation)]</p> <p>Organized by: Best Planter Indonesia (BPI)</p>	16 November 2020	Participant
482.	M. Tajudin, MM	<p>Workshop Penyusunan Program Kerja TA 2021 dan Pemutakhiran Aplikasi SIRENBAJA [Workshop on Preparation of FY 2021 Work Program and Updating the SIRENBAJA]</p>	16-18 November 2020	Participant

		Application] Organized by: SEAMEO SEAMOLEC		
483.	Arif Nuryadin, BSc	Workshop Penyusunan Program Kerja TA 2021 dan Pemutakhiran Aplikasi SIRENBAJA [Workshop on Preparation of FY 2021 Work Program and Updating the SIRENBAJA Application] Organized by: SEAMEO SEAMOLEC	16-18 November 2020	Participant
484.	Alfi Dwi Nugroho, AMd	Workshop Penyusunan Program Kerja TA 2021 dan Pemutakhiran Aplikasi SIRENBAJA [Workshop on Preparation of FY 2021 Work Program and Updating the SIRENBAJA Application] Organized by: SEAMEO SEAMOLEC	16-18 November 2020	Participant
485.	Dewi Rahmawati, MSi	Webinar Peduli Ganoderma: Konsep Revitalisasi Tanah Perkebunan T-10 (Melestarikan Kesuburan dan Kesehatan Tanah) [Webinar on Caring for Ganoderma: Revitalization Concept for Plantation Soil T-10 (Sustaining Soil Fertility and Health)] Organized by: Best Planter Indonesia (BPI)	17 November 2020	Participant
486.	Dr Zulhamsyah Imran	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Moderator
487.	Ir Ina Retnowati	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
488.	Riana Hartati, SSI	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
489.	Harry Imantho, MSc	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
490.	Dr Erina Sulistiani	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant

491.	Asep Syaefudin, SE	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
492.	Bambang Sulistio, SSI	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
493.	Rima Febriana, SE, Ak	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
494.	Tenni Wahyuni, AMd	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
495.	Dewi Suryani, MM	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
496.	Yuni Puspita Sari, MM	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
497.	Agus Sujadi	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
498.	Lukman Haris, SSI	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	18 November 2020	Participant
499.	Wati Madyawati	Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK)	18 November 2020	Participant

		<p>[Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)]</p> <p>Organized by: SEAMEO BIOTROP</p>		
500.	Santi Ambarwati, MSi	<p>Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)]</p> <p>Organized by: SEAMEO BIOTROP</p>	18 November 2020	Participant
501.	Anidah, MTP	<p>Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)]</p> <p>Organized by: SEAMEO BIOTROP</p>	18 November 2020	Participant
502.	Budi Cahyadi, SSI	<p>Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)]</p> <p>Organized by: SEAMEO BIOTROP</p>	18 November 2020	Participant
503.	Eko Purwiyanto	<p>Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)]</p> <p>Organized by: SEAMEO BIOTROP</p>	18 November 2020	Participant
504.	Ratnaningsih, SSI	<p>Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)]</p> <p>Organized by: SEAMEO BIOTROP</p>	18 November 2020	Participant
505.	Sri Widayanti, MSi	<p>Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)]</p> <p>Organized by: SEAMEO BIOTROP</p>	18 November 2020	Participant
506.	Armaiki Yusmur, MSi	<p>Focus Group Discussion (FGD) Pembuatan Key Performance Indicator (KPI) Berbasis Balanced Scorecard (BSC) dan Analisis Beban Kerja (ABK) [Focus Group Discussion on Generating Key Performance Indicators (KPI) Based on Balanced Score Card (BSC) and Workload Analysis (ABK)]</p> <p>Organized by: SEAMEO BIOTROP</p>	18 November 2020	Participant
507.	Tenni Wahyuni, AMd	<p>Sosialisasi Renstra SEAMEO Centres indonesia [Socialization of the SEAMEO Centers Indonesia Strategic Plan]</p> <p>Organized by: SEAMEO Qitep in Science</p>	18 November 2020	Participant

508.	Dewi Suryani, MM	Sosialisasi Renstra SEAMEO Centres indonesia [Socialization of the SEAMEO Centers Indonesia Strategic Plan] Organized by: SEAMEO Qitep in Science	18 November 2020	Participant
509.	Santi Ambarwati, MSi	Sosialisasi Renstra SEAMEO Centres indonesia [Socialization of the SEAMEO Centers Indonesia Strategic Plan] Organized by: SEAMEO Qitep in Science	18 November 2020	Participant
510.	Dr Supriyanto	ToT Pengembangan Tabulampot untuk Mendukung Agro-Eko-Edu Wisata [ToT for the Development of Potted Fruit Trees (Tabulampot) to Support Agro-Eco-Edu Tourism] Organized by: SEAMEO BIOTROP	18 November 2020	Resource Person Overview of SMARTS-BE Program
511.	Armaiki Yusmur, MSi	ToT Pengembangan Tabulampot untuk Mendukung Agro-Eko-Edu Wisata [ToT for the Development of Potted Fruit Trees (Tabulampot) to Support Agro-Eco-Edu Tourism] Organized by: SEAMEO BIOTROP	18 November 2020	Resource Person Pengembangan Perencanaan Eko Agro Eduwisata [Planning Development of Agro-Eco-Edu Tourism]
512.	Dr Irdika Mansur	ToT Pengembangan Tabulampot untuk Mendukung Agro-Eko-Edu Wisata [ToT for the Development of Potted Fruit Trees (Tabulampot) to Support Agro-Eco-Edu Tourism] Organized by: SEAMEO BIOTROP	18 November 2020	Resource Person Urban Farming untuk Mendukung Ketahanan Pangan Keluarga [Urban Farming to Support Family Food Security]
513.	Rima Febriana, SE, Ak	International Joint Conference 2020: STEM Education Pathway Through the Crisis Organized by: SEAMEO Qitep in Science	The Alana Yogyakarta Hotel & Convention Center, 18 November 2020	Participant
514.	Rizkia Tirtani	International Joint Conference 2020: STEM Education Pathway Through the Crisis Organized by: SEAMEO Qitep in Science	The Alana Yogyakarta Hotel & Convention Center, 18 November 2020	Participant
515.	Asep Saepudin	International Joint Conference 2020: STEM Education Pathway Through the Crisis Organized by: SEAMEO Qitep in Science	The Alana Yogyakarta Hotel & Convention Center, 18 November 2020	Participant
516.	Dewi Rahmawati, MSi	Webinar Series 4: Pemanfaatan Bioteknologi untuk Pengembangan Pertanian [Webinar Series 4: Utilization of Biotechnology for Agricultural Development] Organized by: Jurusan/Program Studi Agroekoteknologi, Fakultas Pertanian, Universitas Jambi	19 November 2020	Participant
517.	Herni Widhiastuti, SSi	Webinar Series 4: Pemanfaatan Bioteknologi untuk Pengembangan Pertanian [Webinar Series 4: Utilization of Biotechnology for Agricultural Development] Organized by: Jurusan/Program Studi Agroekoteknologi, Fakultas Pertanian, Universitas Jambi	19 November 2020	Participant
518.	Dr Zulhamsyah Imran	Diskusi Terpumpun: 'Rencana Pengelolaan dan Implementasi Kegiatan Pengelolaan Lanskap Kawasan DAS Citarum, Ciliwung dan Cisadane	19 November 2020	Moderator

		[Focus Group Discussion on Management Plan and Implementation of Landscape Management Activities in the Citarum, Ciliwung and Cisadane Watersheds] Organized by: SEAMEO BIOTROP		
519.	Armaiki Yusmur, MSi	Diskusi Terpumpun: 'Rencana Pengelolaan dan Implementasi Kegiatan Pengelolaan Lanskap Kawasan DAS Citarum, Ciliwung dan Cisadane [Focus Group Discussion on Management Plan and Implementation of Landscape Management Activities in the Citarum, Ciliwung and Cisadane Watersheds] Organized by: SEAMEO BIOTROP	19 November 2020	Participant
520.	Dewi Suryani, MM	Diskusi Terpumpun: 'Rencana Pengelolaan dan Implementasi Kegiatan Pengelolaan Lanskap Kawasan DAS Citarum, Ciliwung dan Cisadane [Focus Group Discussion on Management Plan and Implementation of Landscape Management Activities in the Citarum, Ciliwung and Cisadane Watersheds] Organized by: SEAMEO BIOTROP	19 November 2020	Participant
521.	Fitri Junaedy, SEI	Diskusi Terpumpun: 'Rencana Pengelolaan dan Implementasi Kegiatan Pengelolaan Lanskap Kawasan DAS Citarum, Ciliwung dan Cisadane [Focus Group Discussion on Management Plan and Implementation of Landscape Management Activities in the Citarum, Ciliwung and Cisadane Watersheds] Organized by: SEAMEO BIOTROP	19 November 2020	Participant
522.	Herni Widhiastuti, SSI	Workshop Menyapa Alam lewat Seni Biosketching [Workshop on Greeting Nature through the Art of Biosketching] Organized by: Prodi Pendidikan Biologi, FKIP,-UKI	20 November 2020	Participant
523.	Yuni Puspita Sari, MM	Studi Banding Penilaian Kinerja di SEAQIS [Comparative Study of Performance Assessment at SEAQIS] Organized by: SEAMEO BIOTROP	20 November 2020	Participant
524.	Yunita, SP	Studi Banding Penilaian Kinerja di SEAQIS [Comparative Study of Performance Assessment at SEAQIS] Organized by: SEAMEO BIOTROP	20 November 2020	Participant
525.	Zulkarnaen Noor Syarif, SKom	Studi Banding Penilaian Kinerja di SEAQIS [Comparative Study of Performance Assessment at SEAQIS] Organized by: SEAMEO BIOTROP	20 November 2020	Participant
526.	Dr Zulhamsyah Imran	Workshop Finalisasi Renstra SEAMEO Centre Indonesia 2020-2024 [Workshop on Finalization of SEAMEO Center Indonesia Strategic Plan 2020-2024] Organized by: SEAMEO SEAMOLEC	20-22 November 2020	Participant
527.	Yuni Puspita Sari, MM	Workshop Finalisasi Renstra SEAMEO Centre Indonesia 2020-2024 [Workshop on Finalization of SEAMEO Center	20-22 November 2020	Participant

		Indonesia Strategic Plan 2020-2024] Organized by: SEAMEO SEAMOLEC		
528.	Bambang Sulistio, SSi	Workshop Finalisasi Renstra SEAMEO Centre Indonesia 2020-2024 [Workshop on Finalization of SEAMEO Center Indonesia Strategic Plan 2020-2024] Organized by: SEAMEO SEAMOLEC	20-22 November 2020	Participant
529.	M. Tajudin, MM	Workshop Finalisasi Renstra SEAMEO Centre Indonesia 2020-2024 [Workshop on Finalization of SEAMEO Center Indonesia Strategic Plan 2020-2024] Organized by: SEAMEO SEAMOLEC	20-22 November 2020	Participant
530.	Dr Zulhamsyah Imran	Webinar Kajian Lingkungan Hidup Strategis Rencana Zonasi Papua (Webinar on Strategic Environmental Studies, Zoning Plan of Papua Province) Organized by: Dinas Lingkungan Hidup dan Kehutanan Provinsi Papua (Papua Provincial Office of Environment and Forestry)	23 November 2020	Resource Person
531.	Santi Ambarwati, MSi	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Moderator
532.	Dr Zulhamsyah Imran	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
533.	Dr Soekisman Tjitrosemito	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
534.	Dr Erina Sulistiani	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
535.	Anidah, MTP	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
536.	Saiful Bachri, SSi	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
537.	Tenni Wahyuni, AMd	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000]	23 November 2020	Participant

		Organized by: SEAMEO BIOTROP		
538.	Rima Febriana, SE, Ak	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
539.	Dewi Suryani, MM	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
540.	Yuni Puspita Sari, MM	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
541.	Eko Purwiyanto	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
542.	Lastiah, SE	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
543.	Elvina Rahayu, SAK.	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
544.	Indah Wahyuni, MSi	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
545.	Sri Widayanti, MSi.	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
546.	Ir Ina Retnowati	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
547.	Jonner Situmorang, MSi	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant

548.	Shella Marlinda, MSi	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
549.	Asep Syaefudin, SE	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
550.	Armaiki Yusmur, MSi.	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
551.	Riana Hartati, SSI.	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
552.	Zulkarnaen Noor Syarif, SKom	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
553.	Bambang Sulistio, SSi	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
554.	Devi Septrianti, SE	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
555.	Puput Nisausholiha, SPi	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
556.	Rasyid Aulia Rachman, SSI	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
557.	Yunita, SP	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
558.	Ratnaningsih, SSI	In-house Training Manajemen Risiko Berbasis SNI	23 November	Participant

		ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	2020	
559.	Budi Cahyadi, SSI	In-house Training Manajemen Risiko Berbasis SNI ISO 31000 [In-house Training Course on Risk Management Based on SNI ISO 31000] Organized by: SEAMEO BIOTROP	23 November 2020	Participant
560.	Slamet Widodo Sugiarto, SSI	FGD KLHS dengan Dinas KLHK Prov Papua [FGD on Strategic Environmental Studies with the Papua Provincial Office of Environment and Forestry] Organized by: Dinas Lingkungan Hidup dan Kehutanan Provinsi Papua (Papua Provincial Office of Environment and Forestry)	23-24 November 2020	Participant
561.	Anidah, MTP	Webinar: Bagaimanakah Prosedur Uji Kompetensi Penyelia Halal Bagi UMKM" [Webinar on What is the Procedure for Competency Test for Halal Supervisors for MSMEs"] Organized by: Lembaga Sertifikasi Personil (LSP) MUI	23 November 2020	Participant
562.	Dewi Rahmawati, MSi	Webinar Peduli Ganoderma: Benarkah Zero Burning Berperan Dalam Meningkatkan Serangan Ganoderma di Usia TBM? [Webinar on Caring for Ganoderma: Does Zero Burning Really Play a Role in Increasing Ganoderma Attacks at TBM Age?] Penyelenggara: Best Planter Indonesia (BPI)	24 November 2020	Participant
563.	Saiful Bachri, SSI	Pelatihan Menghitung Karbon: Carbon Accounting Training, Pengantar Studi Karbon Berbasis Lahan [Training Course on Carbon Accounting: Introduction to Land-Based Carbon Studies] Organized by: Asia Institute of Knowledge (AiKnow) by Remarks Asia	24-26 November 2020	Participant
564.	Dr Aslan	Pelatihan Menghitung Karbon: Carbon Accounting Training, Pengantar Studi Karbon Berbasis Lahan [Training Course on Carbon Accounting: Introduction to Land-Based Carbon Studies] Organized by: Asia Institute of Knowledge (AiKnow) by Remarks Asia	24-26 November 2020	
565.	Armaiki Yusmur, MSi	Pelatihan Menghitung Karbon: Carbon Accounting Training, Pengantar Studi Karbon Berbasis Lahan [Training Course on Carbon Accounting: Introduction to Land-Based Carbon Studies] Organized by: Asia Institute of Knowledge (AiKnow) by Remarks Asia	24-26 November 2020	
566.	Harry Imantho, MSc	FGD KLHS dengan Dinas KLHK Prov Papua-Hari ke-2 [FGD on Strategic Environmental Studies with the Papua Provincial Office of Environment and Forestry-Day 2] Organized by:	24 November 2020	Participant

		Dinas Lingkungan Hidup dan Kehutanan Provinsi Papua (Papua Provincial Office of Environment and Forestry)		
567.	Rima Febriana, SE, Ak	SMARTS-BE Talks Seri 17 Organized by: SMARTS-BE, SEAMEO BIOTROP	24 November 2020	Moderator
568.	Dr Supriyanto	SMARTS-BE Talks Seri 17 Organized by: SMARTS-BE, SEAMEO BIOTROP	24 November 2020	Resource Person Teknologi Degreening Buah Pisang dan Jeruk [Degreening Technology of Banana and Orange Fruits]
569.	Herni Widhiastuti, SSi	Webinar Nasional “Pembangunan Pertanian dan Perikanan untuk Menunjang Ketahanan Pangan Nasional” [National Webinar on the Development of Agriculture and Fisheries to Support National Food Security] Organized by: Fakultas Pertanian Perikanan dan Biologi, Universitas Bangka Belitung	25 November 2020	Participant
570.	Prof Dr Okky Setyawati Dharmaputra	Pelatihan Daring Keteknikan: Pencegahan dan Pengendalian Aflatoksin pada Bahan Pangan dan Pakan [Online Training on Prevention and Control of Aflatoxins in Food and Feed Ingredients] Organized by: SEAMEO BIOTROP	25-26 November 2020	Resource Person Cendawan Perusak Bahan Pangan: Implementasi Pencegahan dan Pengendalian Cendawan Penghasil Aflatoksin pada Jagung dan Kacang Tanah [Food Destroying Fungi: Implementation of Prevention and Control of Aflatoxin-Producing Fungi in Corn and Peanuts]
571.	Santi Ambarwati, MSi	Pelatihan Daring Keteknikan: Pencegahan dan Pengendalian Aflatoksin pada Bahan Pangan dan Pakan [Online Training: Prevention and Control of Aflatoxins in Food and Feed Ingredients] Organized by: SEAMEO BIOTROP	25-26 November 2020	Resource Person Aflatoksin: Tingkat Kontaminasi dan Regulasi di Indonesia [Aflatoxins: Contamination Levels and Regulations in Indonesia]
572.	Sri Widayanti, MSi	Pelatihan Daring Keteknikan: Pencegahan dan Pengendalian Aflatoksin pada Bahan Pangan dan Pakan [Online Training on Prevention and Control of Aflatoxins in Food and Feed Ingredients] Organized by: SEAMEO BIOTROP	25-26 November 2020	Resource Person Pengendalian Hama Gudang secara Terpadu [Integrated Storage Pests Management]
573.	Ir Ina Retnowati	Pelatihan Daring Keteknikan: Pencegahan dan Pengendalian Aflatoksin pada Bahan Pangan dan Pakan [Online Training on Prevention and Control of Aflatoxins in Food and Feed Ingredients] Organized by: SEAMEO BIOTROP	25-26 November 2020	Resource Person Metode Isolasi, Penghitungan dan Identifikasi Cendawan [Methods of Fungi Isolation, Counting and Identification]
574.	Nijma Nurfadila, MSi	Pelatihan Daring Keteknikan: Pencegahan dan Pengendalian Aflatoksin pada Bahan Pangan dan Pakan [Online Training on Prevention and Control of Aflatoxins in Food and Feed Ingredients] Organized by: SEAMEO BIOTROP	25-26 November 2020	Resource Person Metode isolasi, penghitungan dan identifikasi cendawan [Methods of Fungi Isolation, Counting and Identification]
575.	Anidah, MTP	Pelatihan Daring Keteknikan: Pencegahan dan Pengendalian Aflatoksin pada Bahan Pangan dan Pakan [Online Training on Prevention and Control of Aflatoxins in Food and Feed Ingredients]	25-26 November 2020	Resource Person Identifikasi Cendawan dengan menggunakan Teknik Biologi Molekular

		Organized by: SEAMEO BIOTROP		[Fungi Identification by using Molecular Biology Techniques]
576.	Dewi Suryani, MM	Pelatihan Daring Keteknikan: Pencegahan dan Pengendalian Aflatoksin pada Bahan Pangan dan Pakan [Online Training on Prevention and Control of Aflatoxins in Food and Feed Ingredients] Organized by: SEAMEO BIOTROP	25 November 2020	Moderator
577.	Riana Hartati, SSI	Workshop Peningkatan Kapasitas Staf SEAMEO Center Indonesia dalam bidang Mobil Application, Fotografi, dan Shooting-Editing Video [SEAMEO Center Indonesia Workshop on Staff Capacity Building in the field of Mobile Application, Photography, and Video Shooting-Editing] Organized by: SEAMEO Qitep in Mathematics	25-27 November 2020	Participant
578.	Asep Saepudin	Workshop Peningkatan Kapasitas Staf SEAMEO Center Indonesia dalam bidang Mobil Application, Fotografi, dan Shooting-Editing Video [SEAMEO Center Indonesia Workshop on Staff Capacity Building in the field of Mobile Application, Photography, and Video Shooting-Editing] Organized by: SEAMEO Qitep in Mathematics	25-27 November 2020	Participant
579.	Dani Yudi Trisna, AMd	Workshop Peningkatan Kapasitas Staf SEAMEO Center Indonesia dalam bidang Mobil Application, Fotografi, dan Shooting-Editing Video [SEAMEO Center Indonesia Workshop on Staff Capacity Building in the field of Mobile Application, Photography, and Video Shooting-Editing] Organized by: SEAMEO Qitep in Mathematics	25-27 November 2020	Participant
580.	Puput Nisausholiha, SPi	Workshop Peningkatan Kapasitas Staf SEAMEO Center Indonesia dalam bidang Mobil Application, Fotografi, dan Shooting-Editing Video [SEAMEO Center Indonesia Workshop on Staff Capacity Building in the field of Mobile Application, Photography, and Video Shooting-Editing] Organized by: SEAMEO Qitep in Mathematics	25-27 November 2020	Participant
581.	Dewi Rahmawati, MSi	Webinar Metrologi: Sosialisasi Panduan Kalibrasi Mikropipet dan Interpretasi Sertifikat Kalibrasi [Metrology Webinar on the Dissemination of Micropipette Calibration Guidelines and Interpretation of Calibration Certificates] Organized by: Badan Standardisasi Nasional	26 November 2020	Participant
582.	Haritz Cahya Nugraha, MT	Workshop Evaluasi Pengembangan Simulator Pembelajaran AI (Artificial Intelligence) [Workshop on Evaluation of AI (Artificial Intelligence) Learning Simulator Development] Organized by: SEAMEO SEAMOLEC	26-28 November 2020	Participant
583.	Dewi Suryani, MM	Webinar Series: "Peranan Bioteknologi dalam Mendukung Ketahanan Pangan di Indonesia" Sesi 1 [Webinar Series: "The Role of Biotechnology in Supporting Food Security in Indonesia"]	27 November 2020	Participant

		Organized by: SEAMEO BIOTROP		
584.	Prof Dr Bambang Purwantara	Webinar Series: "Peranan Bioteknologi dalam Mendukung Ketahanan Pangan di Indonesia" Sesi 1 [Webinar Series: "The Role of Biotechnology in Supporting Food Security in Indonesia"] Organized by: SEAMEO BIOTROP	27 November 2020	Moderator
585.	Bambang Sulistio, SSi	Workshop Monitoring Evaluasi Keuangan dan Asistensi Perencanaan Penganggaran Satker SEAMEO SEAMOLEC [Workshop on Financial Evaluation Monitoring and Budgeting Planning for Working Unit (Satker) SEAMEO SEAMOLEC] Organized by: SEAMEO SEAMOLEC	29 November-1 December 2020	Participant
586.	Arif Nuryadin, BSc	Workshop Monitoring Evaluasi Keuangan dan Asistensi Perencanaan Penganggaran Satker SEAMEO SEAMOLEC [Workshop on Financial Evaluation Monitoring and Budgeting Planning for Working Unit (Satker) SEAMEO SEAMOLEC] Organized by: SEAMEO SEAMOLEC	29 November-1 December 2020	Participant
587.	M. Tajudin, MM	Workshop Monitoring Evaluasi Keuangan dan Asistensi Perencanaan Penganggaran Satker SEAMEO SEAMOLEC [Workshop on Financial Evaluation Monitoring and Budgeting Planning for Working Unit (Satker) SEAMEO SEAMOLEC] Organized by: SEAMEO SEAMOLEC	29 November-1 December 2020	Participant
588.	Peri Siantuni, SE	Workshop Monitoring Evaluasi Keuangan dan Asistensi Perencanaan Penganggaran Satker SEAMEO SEAMOLEC [Workshop on Financial Evaluation Monitoring and Budgeting Planning for Working Unit (Satker) SEAMEO SEAMOLEC] Organized by: SEAMEO SEAMOLEC	29 November-1 December 2020	Participant
589.	Herman Apriyadi, SE	Workshop Monitoring Evaluasi Keuangan dan Asistensi Perencanaan Penganggaran Satker SEAMEO SEAMOLEC [Workshop on Financial Evaluation Monitoring and Budgeting Planning for Working Unit (Satker) SEAMEO SEAMOLEC] Organized by: SEAMEO SEAMOLEC	29 November-1 December 2020	Participant
590.	Ujang Sanusi	Workshop Monitoring Evaluasi Keuangan dan Asistensi Perencanaan Penganggaran Satker SEAMEO SEAMOLEC [Workshop on Financial Evaluation Monitoring and Budgeting Planning for Working Unit (Satker) SEAMEO SEAMOLEC] Organized by: SEAMEO SEAMOLEC	29 November-1 December 2020	Participant
591.	Dewi Rahmawati, MSi	Webinar: Mikoriza Menjamin Kelangsungan Hidup Tanaman [Webinar on Mycorrhizae Guarantees Plant Survival] Organized by: Best Planter Indonesia (BPI)	1 December 2020	Participant
592.	Fitri Junaedy, SEI	Workshop Pengelolaan Media Sosial [Workshop on Social Media Management]	1-4 December 2020	Participant

		Organized by: SEAMEO Qitep in Language		
593.	Haritz Cahya Nugraha, MT	Workshop Pengelolaan Media Sosial [Workshop on Social Media Management] Organized by: SEAMEO Qitep in Language	1-4 December 2020	Participant
594.	Dr Zulhamsyah Imran	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	Hotel Aston, Jakarta, 1-2 December 2020	Facilitator
595.	Riana Hartati, SSI	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	1-2 December 2020	Participant
596.	Rima Febriana, SE, Ak	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	1-2 December 2020	Participant
597.	Tenni Wahyuni, AMd	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	1-2 December 2020	Participant
598.	Dewi Suryani, MM	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	1-2 December 2020	Participant
599.	Yuni Puspita Sari, MM	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	1-2 December 2020	Participant
600.	Indra Septian, AMd	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	1-2 December 2020	Participant
601.	Asep Syaefudin, SE	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	1-2 December 2020	Participant
602.	Yunita, SP	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	1-2 December 2020	Participant
603.	Elvina Rahayu, SAK.	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	1-2 December 2020	Participant
604.	Lukman Haris, SSI	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	Hotel Aston, Jakarta, 1-2 December 2020	Participant
605.	Sri Widayanti, MSi	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant

606.	Armaiki Yusmur, MSi	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
607.	Anidah, MTP	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
608.	Shella Marlinda, MSi	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
609.	Bambang Sulistio, SSi	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
610.	Dr Irdika Mansur	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
611.	Dr Erina Sulistiani	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
612.	Wati Madyawati	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
613.	Santi Ambarwati, MSi	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
614.	Harry Imantho, MSc	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
615.	Ir Ina Retnowati	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
616.	Dr Aslan	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
617.	Dr Soekisman Tjitrosemito	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
618.	Dr Supriyanto	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by:	2 December 2020	Participant

		SEAMEO BIOTROP		
619.	Dr Sri Sudarmiyati Tjitrosoedirdjo	Lokakarya Analisis Beban Kerja (ABK) [Workshop on Workload Analysis (ABK)] Organized by: SEAMEO BIOTROP	2 December 2020	Participant
620.	Sri Widayanti, MSi	Webinar Bioteknologi Series: Peran Bioteknologi dalam Mendukung Ketahanan Pangan di Indonesia [Biotechnology Webinar Series 1: The Role of Biotechnology in Supporting Food Security in Indonesia] Organized by: IndoBIC	3 December 2020	Participant
621.	Dewi Rahmawati, MSi	Webinar Bioteknologi Series: Peran Bioteknologi dalam Mendukung Ketahanan Pangan di Indonesia [Biotechnology Webinar Series 1: The Role of Biotechnology in Supporting Food Security in Indonesia] Organized by: IndoBIC	3 December 2020	Participant
622.	Dr Erina Sulistiani	Webinar Bioteknologi Series: Peran Bioteknologi dalam Mendukung Ketahanan Pangan di Indonesia [Biotechnology Webinar Series 1: The Role of Biotechnology in Supporting Food Security in Indonesia] Organized by: IndoBIC	3 December 2020	Participant
623.	Dewi Suryani, MM	Webinar Bioteknologi Series: Peran Bioteknologi dalam Mendukung Ketahanan Pangan di Indonesia [Biotechnology Webinar Series 1: The Role of Biotechnology in Supporting Food Security in Indonesia] Organized by: IndoBIC	3 December 2020	Participant
624.	Dr Zulhamsyah Imran	Webinar Bioteknologi Series: Peran Bioteknologi dalam Mendukung Ketahanan Pangan di Indonesia [Biotechnology Webinar Series 1: The Role of Biotechnology in Supporting Food Security in Indonesia] Organized by: IndoBIC	3 December 2020	Resource Person Peranan SEAMEO BIOTROP dalam Pengembangan Bioteknologi di Indonesia [The Role of SEAMEO BIOTROP in Biotechnology Development in Indonesia]
625.	Prof Dr Bambang Purwantara	Webinar Bioteknologi Series: Peran Bioteknologi dalam Mendukung Ketahanan Pangan di Indonesia [Biotechnology Webinar Series 1: The Role of Biotechnology in Supporting Food Security in Indonesia] Organized by: IndoBIC	3 December 2020	Moderator
626.	Dewi Rahmawati, MSi	Webinar on Character Building with NLP (Neuro Linguistic Programming) Organized by: Best Planter Indonesia (BPI)	7 December 2020	Participant
627.	Zulkarnaen Noor Syarif, SKom	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Resource Person Pemanfaatan Cloud Storage untuk Mengelola Dokumen & Rekaman ISO 17025 [Utilizing Cloud Storage to Manage ISO 17025 Documents and Records]

628.	Ratnaningsih, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
629.	Lydia Ayu Utami, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
630.	Budi Cahyadi, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
631.	Arif Nuryadin, BSc	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
632.	Drs Agung Mustopa	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
633.	Budi Cahyadi, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
634.	Eko Purwiyanto	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
635.	Dika Zulkarnaen, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
636.	Risya Ayu Astari, AMd	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
637.	Mutiara Hidayat, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
638.	Syifa Fauzia, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department]	7 December 2020	Participant

		Organized by: Services Laboratory Department (SLD)		
639.	Aris Purnajaya	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
640.	Philena Nisivian	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
641.	Ahmad Muhamad	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
642.	Gita Hanipah, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
643.	Mahpudin	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
644.	Fitri Hanifah	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
645.	Andriansyah	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
646.	Nova Dewi Herawati	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
647.	Achmad Syuhada	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
648.	Siti Sulastri Rangkyu, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant

649.	Lydia Ayu Utami, SSI	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
650.	Adjie Tunggal Wahono	Pelatihan Pengendalian Dokumen dan Rekaman Services Laboratory Department (SLD) [Training Course on Documents and Records Controls in the Services Laboratory Department] Organized by: Services Laboratory Department (SLD)	7 December 2020	Participant
651.	Dewi Rahmawati, MSi	Webinar: Bioteknologi untuk Perakitan Varietas Unggul Baru Tanaman dalam Mendukung Program Riset Nasional [Webinar on Biotechnology for Assembling New Superior Varieties of Plants in Supporting National Research Programs] Organized by: LIPI	8 December 2020	Participant
652.	Sri Widayanti, MSi	Seminar Hasil Penelitian BUTTMKP, Karantina Bekasi Secara Daring [Webinar on BUTTMKP Research Results from the Bekasi Quarantine Office] Organized by: BUTTMKP	8 December 2020	Resource Person
653.	Santi Ambarwati, MSi	Temu Industri/FGD Kesiapan Industri dan Sekolah Menjalankan Program Kerja sama di Tahun 2021 [Industry Gathering/FGD on Industries and Schools Readiness to Run Collaborative Programs in 2021] Organized by: SMAKBO	10 December 2020	Resource Person
654.	Dr Zulhamsyah Imran	Sosialisasi dan Pemaparan Rencana Induk Strategis SEAMEO Center Indonesia Tahun 2021-2024 [Socialization and Presentation of SEAMEO Center Indonesia Strategic Master Plan 2021-2024] Organized by: SEAMEO SEAMOLEC	10 December 2020	Resource Person
655.	Herni Widhiastuti, SSI	Webinar dengan Tema Standarisasi Mutu Produk Pertanian Pangan dan Non-Pangan [Webinar on Quality Standardization of Food and Non-Food Agricultural Products] Organized by: FTIP Unpad	10 December 2020	Participant
656.	Dewi Rahmawati, MSi	Webinar: Manfaat NLP (Neuro Linguistic Programme) dalam Membangun Budaya Kerja [Webinar on The Benefits of NLP (Neuro Linguistic Program) in Building a Work Culture] Jointly vOrganized by: Best Planter Indonesia (BPI)	14 December 2020	Participant
657.	Slamet Widodo Sugiarto, SSI	Pelatihan Daring Aplikasi Pemetaan Lahan Menggunakan UAV [Online Training on Land Mapping Application using UAV]	14-17 December 2020	Resource Person
658.	Dr Zulhamsyah Imran	Pelatihan Keprotokolan dan Master of Ceremony (MC) 7 SEAMEO Centres Indonesia [Training Course on Protocols and Master of Ceremony (MC) for the 7 SEAMEO Centers Indonesia] Organized by: SEAMEO CECCEP	SEAMEO CECCEP, 14-16 December 2020	Participant

659.	Rima Febriana, SE, Ak	Pelatihan Keprotokolan dan Master of Ceremony (MC) 7 SEAMEO Centres Indonesia [Training Course on Protocols and Master of Ceremony (MC) for the 7 SEAMEO Centers Indonesia] Organized by: SEAMEO CECCEP	SEAMEO CECCEP, 14-16 December 2020	Participant
660.	Lastiah, SE	Pelatihan Keprotokolan dan Master of Ceremony (MC) 7 SEAMEO Centres Indonesia [Training Course on Protocols and Master of Ceremony (MC) for the 7 SEAMEO Centers Indonesia] Organized by: SEAMEO CECCEP	SEAMEO CECCEP, 14-16 December 2020	Participant
661.	Tenni Wahyuni, AMd	Pelatihan Keprotokolan dan Master of Ceremony (MC) 7 SEAMEO Centres Indonesia [Training Course on Protocols and Master of Ceremony (MC) for the 7 SEAMEO Centers Indonesia] Organized by: SEAMEO CECCEP	SEAMEO CECCEP, 14-16 December 2020	Participant
662.	Rizkia Tirtani	Pelatihan Keprotokolan dan Master of Ceremony (MC) 7 SEAMEO Centres Indonesia [Training Course on Protocols and Master of Ceremony (MC) for the 7 SEAMEO Centers Indonesia] Organized by: SEAMEO CECCEP	SEAMEO CECCEP, 14-16 December 2020	Participant
663.	Dr Zulhamsyah Imran	Bingkai Inspirasi: Menciptakan Generasi Indonesia Berkualitas melalui Pendidikan Tani dan Gizi [Inspiration Frame on Creating a Quality Indonesian Generation through Farming and Nutrition Education] Organized by: Kompas TV	14 December 2020	Resource Person
664.	Harry Imantho, MSc	Pelatihan Drone untuk SMKN Kelapa, Bangka (Daring) [Online Training Course on Drone for SMKN Kelapa, Bangka]	15-17 December 2020	Resource Person 1. Introduction to GIS and Remote Sensing for Precision Agriculture 2. Drone Data Analysis using ArcGIS Desktop
665.	Dr Irdika Mansur	Webinar Keberhasilan Program Penanaman secara Swakelola di BPDASHL Way Seputih Way Sekampung [Webinar on the Success of the Self-Managed Planting Program at BPDASHL Way Seputih Way Sekampung] Organized by: Badan Perencanaan Pembangunan Nasional	17 December 2020	Discussant
666.	Dr Erina Sulistiani	Webinar Series 3: Peran Bioteknologi dalam Mendukung Ketahanan Pangan Indonesia [Webinar Series 3: The Role of Biotechnology in Supporting Indonesian Food Security] Organized by: IndoBIC	17 December 2020	Participant
667.	Dewi Suryani, MM	Webinar Series 3: Peran Bioteknologi dalam Mendukung Ketahanan Pangan Indonesia [Webinar Series 3: The Role of Biotechnology in Supporting Indonesian Food Security] Organized by: IndoBIC	17 December 2020	Moderator
668.	Eko Purwiyanto	Webinar Series 3: Peran Bioteknologi dalam Mendukung Ketahanan Pangan Indonesia [Webinar Series 3: The Role of Biotechnology in Supporting Indonesian Food Security] Organized by:	17 December 2020	Participant

		IndoBIC		
669.	Harry Imantho, MSc	Knowledge Sharing dengan PKT dan PI tentang Aplikasi SIG dan RS dalam Pertanian Presisi [Knowledge Sharing with PKT and PI on Geographic Information System and Remote Sensing Applications in Precision Agriculture]	17 December 2020	Resource Person: SEAMEO BIOTROP Expertises on the Application of Spatial Information System and Technology in Agriculture 4.0
670.	Herni Widhiastuti, SSi	International Webinar on the Stingless Bees: From Discovery to Utilization Organized by: Asia Pacific Network for Sustainable Agriculture, Food and Energy (SAFE-Network) and Central Bicol State University of Agriculture (CBSUA)	17 December 2020	Participant
671.	Harry Imantho, MSc	FGD Kajian Lingkungan Hidup Strategis Provinsi Papua [FGD on Papua Province Strategic Environmental Studies] Organized by: Dinas Lingkungan Hidup dan Kehutanan Provinsi Papua (Papua Provincial Office of Environment and Forestry)	18 December 2020	Participant
672.	Dr Zulhamsyah Imran	Peran Perguruan Tinggi dalam Peningkatan Kapasitas SDM NTT melalui Program Unggulan SEAMEO Center [The Role of Universities in Increasing Human Resources Capacity in Nusa Tenggara Timur Province through SEAMEO Center Excellence Programs] Organized by: Lembaga Layanan DIKTI Wilayah XV	20 December 2020	Resource Person
673.	Rasyid Aulia Rachman, SSi	Peran Perguruan Tinggi dalam Peningkatan Kapasitas SDM NTT melalui Program Unggulan SEAMEO Center [The Role of Universities in Increasing Human Resources Capacity in Nusa Tenggara Timur Province through SEAMEO Center Excellence Programs] Organized by: Lembaga Layanan DIKTI Wilayah XV	20 December 2020	Participant
674.	Dr Aslan	Peran Perguruan Tinggi dalam Peningkatan Kapasitas SDM NTT melalui Program Unggulan SEAMEO Center [The Role of Universities in Increasing Human Resources Capacity in Nusa Tenggara Timur Province through SEAMEO Center Excellence Programs] Organized by: Lembaga Layanan DIKTI Wilayah XV	20 December 2020	Participant
675.	Peri Siantuni, SE	Workshop Monitoring Evaluasi Keuangan Periode December 2020 [Workshop on Financial Evaluation Monitoring for the period of December 2020]	21-23 December 2020	Participant
676.	Deki Zulkarnain, SSos	Workshop Monitoring Evaluasi Keuangan Periode December 2020 [Workshop on Financial Evaluation Monitoring for the period of December 2020]	21-23 December 2020	Participant
677.	Herman Apriyadi, SE	Workshop Monitoring Evaluasi Keuangan Periode December 2020 [Workshop on Financial Evaluation Monitoring for the period of December 2020]	21-23 December 2020	Participant
678.	M. Tajudin, MM	Workshop Monitoring Evaluasi Keuangan Periode December 2020 [Workshop on Financial Evaluation Monitoring for the period of December 2020]	21-23 December 2020	Participant
679.	Dr Zulhamsyah	Webinar Program Guru Besar IPB Mengabdikan	22 December	Moderator

	Imran	Pengelolaan Perikanan Benih Bening Lobster Berkelanjutan di Kec. Bayah, Kab. Lebak, Banten [Webinar on IPB Professor Service Program: Sustainable Management of Lobster Clear Seeds Fisheries in Bayah Subdistrict, Lebak Regency, Banten Province]	2020	
680.	Herni Widhiastuti, SSi	PERGIZI PANGAN Webinar Series 24: Pengembangan Produk Pangan Bergizi [PERGIZI FOOD Webinar Series 24: The Development of Nutritional Food Products] Organized by: PERGIZI PANGAN Indonesia	23 December 2020	Participant
681.	Dr Erina Sulistiani	Webinar Workshop dari Kementerian Perindustrian [Online Workshop from the Ministry of Industry] Organized by: : Kementerian Perindustrian	23 December 2020	Participant
682.	Herni Widhiastuti, SSi	PERGIZI PANGAN Webinar Series 25: Gagasan Inovatif Milenials DoYouLead untuk Pencegahan Anemia dan Stunting [PERGIZI FOOD Webinar Series 25: Innovative DoYouLead Millennial Ideas for Preventing Anemia and Stunting] Organized by: PERGIZI PANGAN Indonesia	30 December 2020	Participant
683.	Dr Zulhamsyah Imran	Webinar Bedah Buku: Dr dr Adi Teruna Effendi, Sp PD; judul buku: "Menuju Peradaban Penuh Kesalehan" (Perjalanan Spiritual ke Mesjid Al - Aqsa, Palestina) [Online Book Review Webinar: Dr dr Adi Teruna Effendi, Sp PD; book title: "Menuju Peradaban Penuh Kesalehan" (Perjalanan Spiritual ke Mesjid Al - Aqsa, Palestina)] Organized by: SEAMEO BIOTROP - Ikatan Cendekiawan Muslim Indonesia (ICMI)	2 January 2021	Moderator
684.	Sri Ismawati Soerianegara, MSc	Webinar Bedah Buku: Dr dr Adi Teruna Effendi, Sp PD; judul buku: "Menuju Peradaban Penuh Kesalehan" (Perjalanan Spiritual ke Mesjid Al - Aqsa, Palestina) [Online Book Review Webinar: Dr dr Adi Teruna Effendi, Sp PD; book title: "Menuju Peradaban Penuh Kesalehan" (Perjalanan Spiritual ke Mesjid Al - Aqsa, Palestina)] Organized by: SEAMEO BIOTROP - Ikatan Cendekiawan Muslim Indonesia (ICMI)	2 January 2021	Participant
685.	Herni Widhiastuti, SSi	PERGIZI PANGAN Webinar Series 26: Pengembangan Produk Pangan Bergizi dan Diversifikasi Pangan [PERGIZI PANGAN Webinar Series 26: The Development of Nutritional Food Products and Food Diversification] Organized by: PERGIZI PANGAN Indonesia	6 January 2021	Participant
686.	Dr Zulhamsyah Imran	Webinar Monday Mind Cloud Idea (MOMI CLOUDIA): Leadership in Era of Tandem Disruption Organized by: SEAMEO BIOTROP	11 January 2021	Moderator
687.	Sri Ismawati Soerianegara, MSc	Webinar Monday Mind Cloud Idea (MOMI CLOUDIA): Leadership in Era of Tandem Disruption Organized by: SEAMEO BIOTROP	11 January 2021	Participant
688.	Nijma Nurfadila,	Webinar Monday Mind Cloud Idea (MOMI	11 January	Participant

	MSi	CLOUDIA): Leadership in Era of Tandem Disruption Organized by: SEAMEO BIOTROP	2021	
689.	Arif Nuryadin, BSc	Webinar Monday Mind Cloud Idea (MOMI CLOUDIA): Leadership in Era of Tandem Disruption Organized by: SEAMEO BIOTROP	11 January 2021	Participant
690.	Risa Rosita, SSi	Webinar Monday Mind Cloud Idea (MOMI CLOUDIA): Leadership in Era of Tandem Disruption Organized by: SEAMEO BIOTROP	11 January 2021	Participant
691.	Herni Widhiastuti, SSi	PERGIZI PANGAN Webinar Series 27: Model Edukasi Gizi pada Anak Sekolah [PERGIZI PANGAN Webinar Series 27: Model of Nutrition Education for Students] Organized by: PERGIZI PANGAN Indonesia	13 January 2021	Participant
692.	Herni Widhiastuti, SSi	Seminar Nasional Perhimpunan Seminar Nasional Perhimpunan Entomologi Indonesia Cabang Bandung tahun 2021 dengan Tema : "Pengelolaan Serangga Berkelanjutan dengan Pendekatan Lanskap" [National Seminar of the Association of Indonesian Entomology on Sustainable Insect Management with a Landscape Approach] Organized by: PEI Bandung	14 January 2021	Participant
693.	Herni Widhiastuti, SSi	Seminar online HIMNI dengan tema 'harga Tempe Naik, Apa solusi dari Nuklir?'" [HIMNI's Online Seminar on The Price of Tempeh is rising, what is the solution from the nuclear technology?] Organized by: BATAN	14 January 2021	Participant
694.	Dr Erina Sulistiani	BIOTROP to School (Bts) 1-POLIVEN: Kuliah Umum Online: Dr. Erina Sulistiani- Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman [BIOTROP to School (Bts) 1-POLIVEN: Online Public Lecture: Dr. Erina Sulistiani-Tissue Culture Technology for the Provision of Plant Seedlings] Organized by: SEAMEO BIOTROP- Politeknik Indonesia Venezuela (POLIVEN)	15 January 2021	Resource Person Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman [Tissue Culture Technology for the Provision of Plant Seedlings]
695.	Sri Ismawati Soerianegara, MSc	BIOTROP to School (Bts) 1-POLIVEN: Kuliah Umum Online: Dr. Erina Sulistiani- Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman [BIOTROP to School (Bts) 1-POLIVEN: Online Public Lecture: Dr. Erina Sulistiani-Tissue Culture Technology for the Provision of Plant Seedlings] Organized by: SEAMEO BIOTROP- Politeknik Indonesia Venezuela (POLIVEN)	15 January 2021	Participant
696.	Dr Zulhamsyah Imran	BIOTROP to School (BtS) 2 - HMI, BPRS BOTANI: Tantangan Milenial Mahasiswa Islam di Era 4.0" [BIOTROP to School (BtS) 2 - HMI, BPRS BOTANI: Challenges for Millennial Islamic Students in Era 4.0] Organized by: SEAMEO BIOTROP-HMI-BPRS Botani	16 January 2021	Resource Person Smart Students Toward Agro-Maritime 4.0
697.	Sri Ismawati Soerianegara, MSc	BIOTROP to School (BtS) 2 - HMI, BPRS BOTANI: Tantangan Milenial Mahasiswa Islam di Era 4.0" [BIOTROP to School (BtS) 2 - HMI, BPRS BOTANI: Challenges of Millennial Islamic Students in Era	16 January 2021	Participant

		4.0] Organized by: SEAMEO BIOTROP-HMI-BPRS Botani		
698.	Dr Zulhamsyah Imran	Mapperca HMI Organized by: Panitia Mapperca, Himpunan Mahasiswa Islam	16 January 2021	Resource Person Tantangan Milenial Islam di Era 4.0 [Challenges for Millennial Islamic Students in Era 4.0]
699.	Herni Widhiastuti, SSi	PERGIZI PANGAN Webinar Series 28: Edukasi Gizi untuk Perbaikan Gizi [PERGIZI PANGAN Webinar Series 28: Nutrition Education for Nutrition Improvement] Organized by: PERGIZI PANGAN Indonesia	20 January 2021	Participant
700.	Herni Widhiastuti, SSi	Seminar Online HIMNI [HIMNI Online Seminar] Organized by: HIMNI (Himpunan Masyarakat Nuklir Indonesia)	21 January 2021	Participant
701.	Dr Zulhamsyah Imran	Presentasi Proposal Penelitian dan Abdimas Dosen Universitas Satya Negara Indonesia T.A. 2020/2021 [Presentation of Research Proposals and Abdimas Lecturer at Satya Negara Indonesia University T.A. 2020/2021] Organized by: Universitas Satya Negara Indonesia	Universitas Satya Negara Indonesia, Bekasi, 21 January 2021	Reviewer
702.	Dr Zulhamsyah Imran	<i>Stodium Generale</i> Himpunan Mahasiswa Islam (HMI) Cabang Bogor [<i>Stodium Generale</i> of the Islamic Student Association (HMI) Bogor Branch] Organized by: Panitia Basic Training (LK 1), Himpunan Mahasiswa Islam	22 January 2021	Resource Person
703.	M. Tajudin, MM	Sosialisasi dan Koordinasi Revisi Kewenangan DJPB untuk Seluruh Satuan Kerja di Lingkungan Sekretaris Jenderal Kemendikbud [Socialization and Coordination on the Revision of the Authority of DJPB for All Working Units within the Secretary General of the Ministry of Education and Culture] Organized by: Kementerian Pendidikan dan Kebudayaan	25-27 January 2021	Participant
704.	Dewi Rahmawati, MSi	Webinar Writeshop Session (Lolos jurnal internasional, lolos penerbit) [Webinar Writeshop Session on Passing from the Regulations of International Journals and Publishers] Organized by: Balai Penelitian Pertanian Lahan Rawa (Balittra)	26 January 2021	Participant
705.	Herni Widhiastuti, SSi	PERGIZI PANGAN Webinar Seri 29 [PERGIZI PANGAN Webinar Series 29 on Food Nutrition] Organized by: PERGIZI PANGAN Indonesia	27 January 2021	Participant
706.	Dr Zulhamsyah Imran	Talkshow Integrasi Peran Dunia Usaha dan Dunia Industri (DUDI) dalam Penguatan Sekolah Vokasi Indonesia [Talkshow on Integrating the Roles of Business and Industry Worlds (DUDI) in Strengthening Indonesian Vocational Schools] Organized by: SEAMEO BIOTROP	28 January 2021	Resource Person
707.	Dr Perdinan	Talkshow Integrasi Peran Dunia Usaha dan Dunia Industri (DUDI) dalam Penguatan Sekolah Vokasi	28 January 2021	Moderator

		Indonesia [Talkshow on Integrating the Roles of Business and Industry Worlds (DUDI) in Strengthening Indonesian Vocational Schools] Organized by: SEAMEO BIOTROP		
708.	Arif Nuryadin, BSc	Talkshow Integrasi Peran Dunia Usaha dan Dunia Industri (DUDI) dalam Penguatan Sekolah Vokasi Indonesia [Talkshow on Integrating the Roles of Business and Industry Worlds (DUDI) in Strengthening Indonesian Vocational Schools] Organized by: SEAMEO BIOTROP	28 January 2021	Participant
709.	Dr Erina Sulistiani	Talkshow Integrasi Peran Dunia Usaha dan Dunia Industri (DUDI) dalam Penguatan Sekolah Vokasi Indonesia [Talkshow on Integrating the Roles of Business and Industry Worlds (DUDI) in Strengthening Indonesian Vocational Schools] Organized by: SEAMEO BIOTROP	28 January 2021	Participant
710.	Trijanti A. Widinni Asnan, MSi	Talkshow Integrasi Peran Dunia Usaha dan Dunia Industri (DUDI) dalam Penguatan Sekolah Vokasi Indonesia [Talkshow on Integrating the Roles of Business and Industry Worlds (DUDI) in Strengthening Indonesian Vocational Schools] Organized by: SEAMEO BIOTROP	28 January 2021	Participant
711.	Tenni Wahyuni, AMd	Talkshow Integrasi Peran Dunia Usaha dan Dunia Industri (DUDI) dalam Penguatan Sekolah Vokasi Indonesia [Talkshow on Integrating the Roles of Business and Industry Worlds (DUDI) in Strengthening Indonesian Vocational Schools] Organized by: SEAMEO BIOTROP	28 January 2021	Participant
712.	Haritz Cahya Nugraha, MT	Talkshow Integrasi Peran Dunia Usaha dan Dunia Industri (DUDI) dalam Penguatan Sekolah Vokasi Indonesia [Talkshow on Integrating the Roles of Business and Industry Worlds (DUDI) in Strengthening Indonesian Vocational Schools] Organized by: SEAMEO BIOTROP	28 January 2021	Participant
713.	Sri Ismawati Soerianegara, MSc	Talkshow Integrasi Peran Dunia Usaha dan Dunia Industri (DUDI) dalam Penguatan Sekolah Vokasi Indonesia [Talkshow on Integrating the Roles of Business and Industry Worlds (DUDI) in Strengthening Indonesian Vocational Schools] Organized by: SEAMEO BIOTROP	28 January 2021	Participant
714.	Herni Widhiastuti, SSi	Webinar HIMNI [HIMNI Webinar] Organized by: Himpunan Masyarakat Nuklir Indonesia	28 January 2021	Participant
715.	Woro Kanti Darmastuti, MSi	Behind the Scene: How Journals are Managed?" Organized by: Elsevier	28 January 2021	Participant
716.	Sri Ismawati	Behind the Scene: How Journals are Managed?"	28 January	Participant

	Soerianegara, MSc	Organized by: Elsevier	2021	
717.	Deki Zulkarnain, SSos	Bimbingan Teknis dan Ujian Sertifikasi PBJ [Technical Guidance and PBJ Certification Exam] Organized by: Pusat Pendidikan dan Pelatihan Pegawai, Kementerian Pendidikan dan Kebudayaan	28-29 January 2021	Participant
718.	Sri Widayanti, MSi	Pertemuan Pembuatan Buku Saku 2021 [Meeting on the Making of Pocket Book] Organized by: Direktorat Jenderal Perkebunan, Kementerian Pertanian	28 January 2021	Resource Person Pembahasan Draft Buku Saku Pengelolaan Hama Gudang Komoditas Perkebunan [Discussion on the Draft of Pocket Book on Managing Storage Pests for Plantation Commodities]
719.	Dewi Rahmawati, MSi	Webinar Planter Indonesia: Cara Memperbanyak Cacing Tanah Di Perkebunan Kelapa Sawit [Webinar Planter Indonesia on How to Increase Earthworms in Oil Palm Plantations] Organized by: Best Planter Indonesia (BPI)	29 January 2021	Participant
720.	Armaiki Yusmur, MSi	Pekerjaan Jasa Pra Studi Energi Primer Biomassa untuk Implementasi Co-Firing PLTU MT Jambi-1 (2x300 MW) [Pre-study work on Biomass Primary Energy for Co-Firing Implementation at PLTU MT Jambi-1 (2x300 MW)] Organized by: PT. Primakelola IPB	31 January – 4 February 2021	Expert
721.	Sri Ismawati Soerianegara, MSc	Seminar MOMI CLOUDIA Seri 2: Shifting Mindset on Knowledge Management in New Normal Era [Online MOMI CLOUDIA Seminar Series 2: Shifting Mindset on Knowledge Management in New Normal Era] Organized by: SEAMEO BIOTROP	1 February 2021	Participant
722.	Dewi Suryani, MM	Seminar MOMI CLOUDIA Seri 2: hifting Mindset on Knowledge Management in New Normal Era [Online MOMI CLOUDIA Seminar Series 2: Shifting Mindset on Knowledge Management in New Normal Era] Organized by: SEAMEO BIOTROP	1 February 2021	Moderator
723.	Nijma Nurfadila, MSi	Seminar MOMI CLOUDIA Seri 2: hifting Mindset on Knowledge Management in New Normal Era [Online MOMI CLOUDIA Seminar Series 2: Shifting Mindset on Knowledge Management in New Normal Era] Organized by: SEAMEO BIOTROP	1 February 2021	Participant
724.	Arif Nuryadin, BSc	Seminar MOMI CLOUDIA Seri 2: hifting Mindset on Knowledge Management in New Normal Era [Online MOMI CLOUDIA Seminar Series 2: Shifting Mindset on Knowledge Management in New Normal Era] Organized by: SEAMEO BIOTROP	1 February 2021	Participant
725.	Nijma Nurfadila, MSi	Webinar on Indonesia's Food Technology 2021 Organized by: GEM Indonesia	3 February 2021	Participant
726.	Dr Zulhamsyah Imran	SEAMEO Outlook Pendidikan Abad 21: Merdeka Belajar Era New Normal Covid-19 [SEAMEO Education Outlook for 21 st Century:	6 February 2021	Resource Person

		Merdeka Belajar Program in the New Normal Era of Covid-19] Organized by: SEAMEO BIOTROP		
727.	Dr Perdinan	SEAMEO Outlook Pendidikan Abad 21: Merdeka Belajar Era New Normal Covid-19 [SEAMEO Education Outlook for 21 st Century: Merdeka Belajar Program in the New Normal Era of Covid-19] Organized by: SEAMEO BIOTROP	6 February 2021	Moderator
728.	Sri Ismawati Soerianegara, MSc	SEAMEO Outlook Pendidikan Abad 21: Merdeka Belajar Era New Normal Covid-19 [SEAMEO Education Outlook for 21 st Century: Merdeka Belajar Program in the New Normal Era of Covid-19] Organized by: SEAMEO BIOTROP	6 February 2021	Participant
729.	Dr Erina Sulistiani	Webinar MOMI CLOUDIA Seri 3: Manfaat dan Tantangan Menerapkan Manufacturing Innovation di SEAMEO BIOTROP [MOMI CLOUDIA Webinar Series 3: Benefits and Challenges of Implementing Manufacturing Innovations at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	8 February 2021	Resource Person Manfaat dan Tantangan Menerapkan Manufacturing Innovation di SEAMEO BIOTROP [Benefits and Challenges of Implementing Manufacturing Innovations at SEAMEO BIOTROP]
730.	Dr Aslan	Webinar MOMI CLOUDIA Seri 3: Manfaat dan Tantangan Menerapkan Manufacturing Innovation di SEAMEO BIOTROP [MOMI CLOUDIA Webinar Series 3: Benefits and Challenges of Implementing Manufacturing Innovations at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	8 February 2021	Moderator
731.	Arif Nuryadin, BSc	Webinar MOMI CLOUDIA Seri 3: Manfaat dan Tantangan Menerapkan Manufacturing Innovation di SEAMEO BIOTROP [MOMI CLOUDIA Webinar Series 3: Benefits and Challenges of Implementing Manufacturing Innovations at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	8 February 2021	Participant
732.	Fitri Junaedy, SEI	Webinar MOMI CLOUDIA Seri 3: Manfaat dan Tantangan Menerapkan Manufacturing Innovation di SEAMEO BIOTROP [MOMI CLOUDIA Webinar Series 3: Benefits and Challenges of Implementing Manufacturing Innovations at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	8 February 2021	Participant
733.	Dr Zulhamsyah Imran	Webinar Nasional: Bela Negara, Pancasila, Agama, dan pendidikan Karakter Bangsa [National Webinar on Defending the Country, Pancasila, Religion and Education on National Characters] Organized by: Perkumpulan Gerakan Kebangsaan Kota Mataram	9 February 2021	Resource Person
734.	Dewi Suryani, MM	Webinar Nasional: Bela Negara, Pancasila, Agama, dan pendidikan Karakter Bangsa [National Webinar on Defending the Country, Pancasila, Religion and Education on National Characters] Organized by:	9 February 2021	Participant

		Perkumpulan Gerakan Kebangsaan Kota Mataram		
735.	Prof Dr Bambang Purwantara	Talk of Affiliate Scientist (TAS) – 1: Teknologi Reproduksi: Sumbangsih bagi Kemandirian Pangan, Kesehatan dan Perlindungan Satwa [Talk of Affiliate Scientist (TAS) – 1: Reproductive Technology: Contribution to Food Self-reliance, Health and Animal Protection] Organized by: SEAMEO BIOTROP	9 February 2021	Resource Person Teknologi Reproduksi: Sumbangsih bagi Kemandirian Pangan, Kesehatan dan Perlindungan Satwa Reproductive Technology: Contribution to Food Self-reliance, Health and Animal Protection
736.	Anidah, MTP	Talk of Affiliate Scientist (TAS) – 1: Teknologi Reproduksi: Sumbangsih bagi Kemandirian Pangan, Kesehatan dan Perlindungan Satwa [Talk of Affiliate Scientist (TAS) – 1: Reproductive Technology: Contribution to Food Self-reliance, Health and Animal Protection] Organized by: SEAMEO BIOTROP	9 February 2021	Moderator
737.	Aan Darwati, SAK	Talk of Affiliate Scientist (TAS) – 1: Teknologi Reproduksi: Sumbangsih bagi Kemandirian Pangan, Kesehatan dan Perlindungan Satwa [Talk of Affiliate Scientist (TAS) – 1: Reproductive Technology: Contribution to Food Self-reliance, Health and Animal Protection] Organized by: SEAMEO BIOTROP	9 February 2021	Participant
738.	Herni Widhiastuti, SSi	Talk of Affiliate Scientist (TAS) – 1: Teknologi Reproduksi: Sumbangsih bagi Kemandirian Pangan, Kesehatan dan Perlindungan Satwa [Talk of Affiliate Scientist (TAS) – 1: Reproductive Technology: Contribution to Food Self-reliance, Health and Animal Protection] Organized by: SEAMEO BIOTROP	9 February 2021	Participant
739.	Indah Wahyuni, MSi	Talk of Affiliate Scientist (TAS) – 1: Teknologi Reproduksi: Sumbangsih bagi Kemandirian Pangan, Kesehatan dan Perlindungan Satwa [Talk of Affiliate Scientist (TAS) – 1: Reproductive Technology: Contribution to Food Self-reliance, Health and Animal Protection] Organized by: SEAMEO BIOTROP	9 February 2021	Participant
740.	Trijanti A. Widinni Asnan, MSi	Talk of Affiliate Scientist (TAS) – 1: Teknologi Reproduksi: Sumbangsih bagi Kemandirian Pangan, Kesehatan dan Perlindungan Satwa [Talk of Affiliate Scientist (TAS) – 1: Reproductive Technology: Contribution to Food Self-reliance, Health and Animal Protection] Organized by: SEAMEO BIOTROP	9 February 2021	Participant
741.	Dewi Rahmawati, MSi	BIOTROP to School (BtS) Seri 3: Biologi Modern [BIOTROP to School (BtS) Series 3: Modern Biology] Organized by: SEAMEO BIOTROP	10 February 2021	Resource Person Biologi Modern [Modern Biology]
742.	Saiful Bachri, SSi	BIOTROP to School (BtS) Seri 3: Biologi Modern [BIOTROP to School (BtS) Series 3: Modern Biology] Organized by: SEAMEO BIOTROP	10 February 2021	Moderator
743.	Sri Widayanti, MSi	BIOTROP to School (BtS) Seri 3: Biologi Modern [BIOTROP to School (BtS) Series 3: Modern Biology]	10 February 2021	Participant

		Organized by: SEAMEO BIOTROP		
744.	Zulkarnaen Noor Syarif, SKom	Webinar: Membuat Game Ternyata Mudah [Webinar on It is Easy to Make Games] Organized by: Universitas Binaniaga Indonesia	10 February 2021	Resource Person
745.	Rima Febriana, SE, Ak	Workshop Rekonsiliasi Keuangan dan Penyelarasan Program dan Kegiatan Satker SEAMEO SEAMOLEC Tahun Anggaran 2021 [Workshop on Financial Reconciliation and Activities and Programs Alignment of SEAMEO SEAMOLEC Working Unit for Fiscal Year 2021] Organized by: SEAMEO Qitep in Science	10-11 February 2021	Participant
746.	Bambang Sulistio, SSi	Workshop Rekonsiliasi Keuangan dan Penyelarasan Program dan Kegiatan Satker SEAMEO SEAMOLEC Tahun Anggaran 2021 [Workshop on Financial Reconciliation and Activities and Programs Alignment of SEAMEO SEAMOLEC Working Unit for Fiscal Year 2021] Organized by: SEAMEO Qitep in Science	10-11 February 2021	Participant
747.	Peri Siantuni, SE	Workshop Rekonsiliasi Keuangan dan Penyelarasan Program dan Kegiatan Satker SEAMEO SEAMOLEC Tahun Anggaran 2021 [Workshop on Financial Reconciliation and Activities and Programs Alignment of SEAMEO SEAMOLEC Working Unit for Fiscal Year 2021] Organized by: SEAMEO Qitep in Science	10-11 February 2021	Participant
748.	M. Tajudin, MM	Workshop Rekonsiliasi Keuangan dan Penyelarasan Program dan Kegiatan Satker SEAMEO SEAMOLEC Tahun Anggaran 2021 [Workshop on Financial Reconciliation and Activities and Programs Alignment of SEAMEO SEAMOLEC Working Unit for Fiscal Year 2021] Organized by: SEAMEO Qitep in Science	10-11 February 2021	Participant
749.	Dr Zulhamsyah Imran	The SEAMEO-University of Tsukuba Symposium IX: Resilience for Global Citizenship Organized by: The SEAMEO-University of Tsukuba	11 February 2021	Speaker and Panellist Global Citizenship Resiliency in Response to Covid-19
750.	Woro Kanti Darmastuti, MSi	Belajar Mengelola Podcast [Learn to Manage Podcasts] Organized by: SEAMEO BIOTROP	11-12 February 2021	Participant
751.	Dani Yudi Trisna, AMd	Belajar Mengelola Podcast [Learn to Manage Podcasts] Organized by: SEAMEO BIOTROP	11-12 February 2021	Participant
752.	Asep Saepudin	Belajar Mengelola Podcast [Learn to Manage Podcasts] Organized by: SEAMEO BIOTROP	11-12 February 2021	Participant
753.	Dr Supriyanto	Webinar Sekolahku Asri di Masa Pandemi [Webinar on My School is Beautiful during the Pandemic] Organized by: SMK Geo Informatika berkolaborasi dengan SEAMEO BIOTROP dan SEAMEO RECFON	13 February 2021	Resource Person
754.	Dr Aslan	Internatinal Training on the Practical Ways of Integrated Coastal Spatial Planning-Based	15-19 February	Resource Person

		Ecosystem Adaptation (SPBEA) Organized by: Asia Pacific Network for Global Change Research	2021	
755.	Armaiki Yusmur, MSi	Internatinal Training on the Practical Ways of Integrated Coastal Spatial Planning-Based Ecosystem Adaptation (SPBEA) Organized by: Asia Pacific Network for Global Change Research	15-19 February 2021	Resource Person
756.	Riza Fadli Assegaf	Sosialisasi dan Bimbingan Teknis Pengadaan Barang dan Jasa Tahun 2021 [Socialization and Technical Guidance for the Procurement of Goods and Services in 2021] Organized by: Kementerian Pendidikan dan Kebudayaan	15-17 February 2021	Participant
757.	Ujang Sanusi	Sosialisai PMK dan Workshop Siman KPKNL Tangerang II [Socialization of PMK and Workshop on Siman KPKNL Tangerang II]	16 February 2021	Participant
758.	Dr Zulhamsyah Imran	Webinar Sosialisasi Sekolah Pencetak Wirausaha [Webinar on Socializing Entrepreneurial Printing School] Organized by: Dinas Pendidikan, Pemerintah Provinsi Jawa Timur	16 February 2021	Participant
759.	Dr Erina Sulistiani	BIOTROP to School (BtS) Seri 4: Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman [BIOTROP to School (BtS) Series 4: Tissue Culture Technology for the Provision of Plant Seedlings] Organized by: SEAMEO BIOTROP	17 February 2021	Resource Person Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman [Tissue Culture Technology for the Provision of Plant Seedlings]
760.	Indah Wahyuni, MSi	BIOTROP to School (BtS) Seri 4: Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman [BIOTROP to School (BtS) Series 4: Tissue Culture Technology for the Provision of Plant Seedlings] Organized by: SEAMEO BIOTROP	17 February 2021	Moderator
761.	Herni Widhiastuti, SSI	BIOTROP to School (BtS) Seri 4: Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman [BIOTROP to School (BtS) Series 4: Tissue Culture Technology for the Provision of Plant Seedlings] Organized by: SEAMEO BIOTROP	17 February 2021	Participant
762.	Aan Darwati, SAK.	BIOTROP to School (BtS) Seri 4: Teknologi Kultur Jaringan untuk Penyediaan Bibit Tanaman [BIOTROP to School (BtS) Series 4: Tissue Culture Technology for the Provision of Plant Seedlings] Organized by: SEAMEO BIOTROP	17 February 2021	Participant
763.	Rima Febriana, SE, Ak	Workshop Orientasi Penggunaan RKAKL 2021 [Orientation Workshop on 2021 RKAKL Usage]	17 February 2021	Participant
764.	Yuni Puspita Sari, MM	Workshop Pengembangan dan Implementasi e-SKP bagi PPNPN di SEAMEO Centre [Workshop on e-SKP Development and Implementation for PPNPN at SEAMEO Centres] Organized by: SEAMEO CECCEP	18 -19 February 2021	Participant
765.	Yunita, SP	Workshop Pengembangan dan Implementasi e-SKP bagi PPNPN di SEAMEO Centre	18 -19 February	Participant

		[Workshop on e-SKP Development and Implementation for PPNPN at SEAMEO Centres] Organized by: SEAMEO CECCEP	2021	
766.	Peri Siantuni, SE	Sosialisasi Penginputan Pajak dan SPJ [Socialization of Inputting Taxes and SPJ] Organized by: SEAMEO SEAMOLEC	18 February 2021	Participant
767.	Herman Apriyadi, SE	Sosialisasi Penginputan Pajak dan SPJ [Socialization of Inputting Taxes and SPJ] Organized by: SEAMEO SEAMOLEC	18 February 2021	Participant
768.	Deki Zulkarnain, SSos	Sosialisasi Penginputan Pajak dan SPJ [Socialization of Inputting Taxes and SPJ] Organized by: SEAMEO SEAMOLEC	18 February 2021	Participant
769.	Elvina Rahayu, SAK	Sosialisasi Penginputan Pajak dan SPJ [Socialization of Inputting Taxes and SPJ] Organized by: SEAMEO SEAMOLEC	18 February 2021	Participant
770.	Sri Widayanti, MSi	Asesmen Implementasi Integrated Pest Management (IPM) [Assessment of Integrated Pest Management (IPM) Implementation] Organized by: PT Garudafood Putra Putri Jaya	18-19 February 2021	Assessor
771.	Trijanti A. Widinni, Asnan, MSi	Asesmen Implementasi Integrated Pest Management (IPM) [Assessment of Integrated Pest Management (IPM) Implementation] Organized by: PT Garudafood Putra Putri Jaya	18-19 February 2021	Assessor
772.	Dr Zulhamsyah Imran	Rencana Tindak Lanjut MoU dan Program Magang Mahasiswa [Planning on the Follow Up Actions for MoUs and Student Internship Programs] Organized by: Dinas Kelautan dan Perikanan, Pemerintah Aceh	19-22 February 2021	Resource Person
773.	Dr Aslan	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Resource Person Menumbuhkan Minat Penelitian pada Guru Sekolah [Fostering Research Interest in School Teachers]
774.	Risa Rosita, SSi	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Resource Person Materi & Praktik Pelatihan Penulisan Proposal [Proposal Writing]
775.	Trijanti A. Widinni Asnan, MSi	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Coordinator

776.	Shella Marlinda, MSi	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Moderator
777.	Bambang Sulistio, SSi	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Participant
778.	Herni Widhiastuti, SSi	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Participant
779.	Sri Widayanti, MSi	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Participant
780.	Ir Ina Retnowati	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Participant
781.	Dewi Suryani, MM	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Participant
782.	Shella Marlinda, MSi	BIOTROP to School (BtS) Seri-6: Pelatihan Online Penulisan Proposal Penelitian untuk Guru SMK/SMA Sederajat [BIOTROP to School (BtS) Series-6: Online Training Course on Writing Research Proposals for SMK/SMA Teachers] Organized by: SEAMEO BIOTROP	23 February 2021	Moderator
783.	Samsul A. Yani, SSi	BIOTROP to School (BtS) Seri 7: Budidaya Jamur Tiram [BIOTROP to School (BtS) Series 7: Oyster Mushroom Cultivation] Organized by: SEAMEO BIOTROP	24 February 2021	Resource Person Budidaya Jamur Tiram [Oyster Mushroom Cultivation]
784.	Risa Rosita, SSi	BIOTROP to School (BtS) Seri 7: Budidaya Jamur Tiram [BIOTROP to School (BtS) Series 7: Oyster Mushroom Cultivation]	24 February 2021	Moderator

		Organized by: SEAMEO BIOTROP		
785.	Ir Ina Retnowati	BIOTROP to School (BtS) Seri 7: Budidaya Jamur Tiram [BIOTROP to School (BtS) Series 7: Oyster Mushroom Cultivation] Organized by: SEAMEO BIOTROP	24 February 2021	Participant
786.	Sri Widayanti, MSi	Training Fumigasi Sulfuril Fluorida (SO ₂ F ₂) [Training Course on Sulfuryl Fluoride (SO ₂ F ₂) Fumigation Training] Organized by: Pt. Kristalindo Karunia Internasional	25 February 2021	Resource Person Teknik Fumigasi Sulfuril Fluorida (SO ₂ O ₂) [Fumigation technique using Sulfuryl Fluoride (SO ₂ F ₂)]
787.	Sugih Mukti, AMd	Pelatihan Pembuatan Indukan Bibit Jamur Pangan [Training Course on Making Edible Mushroom Seedlings] Organized by: SEAMEO BIOTROP	1 March 2021	Resource Person Pembuatan Indukan Jamur serta Turunannya [The Making of Mushroom Broodstocks and Seedlings]
788.	Sugih Mukti, AMd	Pelatihan Pembuatan Media Tanam Jamur Pangan [Training Course on Making Edible Mushroom Seedlings] Organized by: SEAMEO BIOTROP	2 March 2021	Resource Person Pembuatan Media Tanam Jamur/Baglog [The Making of Mushroom Planting Media/Baglog]
789.	Sugih Mukti, AMd	Pelatihan Perawatan Baglog Panen dan Pasca Panen Jamur Pangan [Training Course on Harvesting and Postharvest Handling for the Baglogs of Edible Mushrooms] Organized by: SEAMEO BIOTROP	3 March 2021	Resource Person Perawatan Media Jamur di Kumbung Panen serta Pasca Panen [Maintaining Mushroom Baglogs during the Harvest and Postharvest Periods]
790.	Dr Perdinan	Lokakarya Pembahasan Rencana Panduan Training dan Sinkronisasi Program SEAMEO Centres Indonesia [Workshop on Planning Training Guidelines and Synchronization of SEAMEO Centers Indonesia Programs] Organized by: SEAMOLEC	3-5 March 2021	Participant
791.	Bambang Sulistio, SSi	Lokakarya Pembahasan Rencana Panduan Training dan Sinkronisasi Program SEAMEO Centres Indonesia [Workshop on Planning Training Guidelines and Synchronization of SEAMEO Centers Indonesia Programs] Organized by: SEAMOLEC	3-5 March 2021	Participant
792.	Rima Febriana, SE, Ak	Lokakarya Pembahasan Rencana Panduan Training dan Sinkronisasi Program SEAMEO Centres Indonesia [Workshop on Planning Training Guidelines and Synchronization of SEAMEO Centers Indonesia Programs] Organized by: SEAMOLEC	3-5 March 2021	Participant
793.	M. Tajudin, MM	Lokakarya Pembahasan Rencana Panduan Training dan Sinkronisasi Program SEAMEO Centres Indonesia [Workshop on Planning Training Guidelines and Synchronization of SEAMEO Centers Indonesia Programs] Organized by:	3-5 March 2021	Participant

		SEAMOLEC		
794.	Ramdani	<p>Pelatihan Pembuatan Keripik Jamur dan Nugget [Training Course on Making Mushroom Chips and Nuggets]</p> <p>Organized by: SEAMEO BIOTROP</p>	4 March 2021	<p>Resource Person</p> <p>Olahan Jamur Pangan [Mushroom Processed Food]</p>
795.	Sri Ismawati Soerianegara, MSc	<p>Webinar: Pahami Bahasanya, Pahami Ginjalnya [Webinar on Understand the Language, Understand the Kidneys]</p> <p>Organized by: SEAQIL</p>	3 March 2021	Participant
796.	Dika Zulkarnaen, SSI	<p>Sosialisasi dan Pelatihan Sistem Pelaporan Elektronik/SIMPEL Bidang Lingkungan Hidup untuk Laporan Limbah B3 ke KLHK [Socialization and Training Course on the Environmental/SIMPEL Electronic Reporting System for Hazardous Waste Reports to KLHK]</p> <p>Organized by: KLHK</p>	4 March 2021	Participant
797.	Dr Aslan	<p>Seminar Proposal Penelitian Terapan Program SMARTS-BE [Seminar on Applied Research Proposal for SMARTS-BE Program]</p> <p>Organized by: SEAMEO BIOTROP, SMARTS-BE</p>	5 March 2021	Moderator
798.	Dr Erina Sulistiani	<p>Webinar MOMI CLOUDIA seri 4: Realisasi Dukungan SEAMEO Regional Centres di Indonesia dalam Program Merdeka Belajar dan Pendidikan Vokasi untuk Meningkatkan Keterampilan dan Kesempatan kerja di Lingkup Regional [MOMI CLOUDIA Webinar Series 4: Realization of Support from SEAMEO Regional Centers in Indonesia for the Independent Learning and Vocational Education Program to Improve Skills and Employment Opportunities in the Regional Scope]</p> <p>Organized by: SEAMEO BIOTROP</p>	8 March 2021	Participant
799.	Arif Nuryadin, BSc	<p>Webinar MOMI CLOUDIA seri 4: Realisasi Dukungan SEAMEO Regional Centres di Indonesia dalam Program Merdeka Belajar dan Pendidikan Vokasi untuk Meningkatkan Keterampilan dan Kesempatan kerja di Lingkup Regional [MOMI CLOUDIA Webinar Series 4: Realization of Support from SEAMEO Regional Centers in Indonesia for the Independent Learning and Vocational Education Program to Improve Skills and Employment Opportunities in the Regional Scope]</p> <p>Organized by: SEAMEO BIOTROP</p>	8 March 2021	Participant
800.	Dr Supriyanto	<p>Webinar MOMI CLOUDIA seri 4: Realisasi Dukungan SEAMEO Regional Centres di Indonesia dalam Program Merdeka Belajar dan Pendidikan Vokasi untuk Meningkatkan Keterampilan dan Kesempatan kerja di Lingkup Regional [MOMI CLOUDIA Webinar Series 4: Realization of Support from SEAMEO Regional Centers in Indonesia for the Independent Learning and Vocational Education Program to Improve Skills and Employment Opportunities in the Regional Scope]</p> <p>Organized by: SEAMEO BIOTROP</p>	8 March 2021	Moderator
801.	Santi Ambarwati, MSi	<p>Sosialisasi PerMen-LHK No. 23 Tahun 2020 tentang Laboratorium Lingkungan [Socialization of the Minister of Environment and Forestry Regulation No. 23 of 2020 concerning Environmental Laboratories]</p>	9 March 2021	Participant

		Organized by: Kementerian Lingkungan Hidup dan Kehutanan		
802.	Budi Cahyadi, SSI	Sosialisasi PerMen-LHK No. 23 Tahun 2020 tentang Laboratorium Lingkungan [Socialization of the Minister of Environment and Forestry Regulation No. 23 of 2020 concerning Environmental Laboratories] Organized by: Kementerian Lingkungan Hidup dan Kehutanan	9 March 2021	Participant
803.	Dika Zulkarnaen, SSI	Sosialisasi PerMen-LHK No. 23 Tahun 2020 tentang Laboratorium Lingkungan [Socialization of the Minister of Environment and Forestry Regulation No. 23 of 2020 concerning Environmental Laboratories] Organized by: Kementerian Lingkungan Hidup dan Kehutanan	9 March 2021	Participant
804.	Lukman Haris, SSI	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
805.	Shella Marlinda, MSi	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
806.	Ulfah Zul Farisa, SHut	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
807.	Santi Ambarwati, MSi	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
808.	Yuni Puspita Sari, MM	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
809.	Wati Madyawati	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
810.	Lillys Betty Yuliawati, SSI	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant

811.	Riana Hartati, SSI	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
812.	Zulkarnaen Noor Syarif, SKom	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
813.	Saiful Bachri, SSI	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
814.	Ratnaningsih, SSI	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
815.	Herni Widhiastuti, SSI	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
816.	Elvina Rahayu, SAK	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
817.	Dewi Suryani, MM	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
818.	Eko Purwiyanto	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
819.	Armaiki Yusmur, MSi	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
820.	Indah Wahyuni, MSi	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal	9-10 March 2021	Participant

		[In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP		
821.	Eriza Falashifa, SHut	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
822.	Sri Widayanti, MSi	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
823.	Ir Ina Retnowati	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
824.	Alfi Dwi Nugroho, AMd	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
825.	Dewi Rahmawati, MSi	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
826.	Devi Septrianti, SE	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
827.	Nijma Nurfadila, MSi	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
828.	Arif Nuryadin, BSc	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
829.	Bambang Sulistio, SSI	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk	9-10 March 2021	Participant

		Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP		
830.	Anidah, MTP	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
831.	Lastiah, SE	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
832.	Yunita, SP	In-house Training Penerapan Manajemen Risiko dalam Menghadapi Era Digital dan New Normal [In-house Training on Implementation of Risk Management in Facing the Digital Era and New Normal] Organized by: SEAMEO BIOTROP	9-10 March 2021	Participant
833.	Dr Zulhamsyah Imran	SEAMEO Centres Policy Research Network (CPRN) Virtual Summit and First Chevron-SEAMEO Research Workshop for Strengthening Regional STEM Education in Southeast Asia Organized by: Southeast Asian Ministers of Education Secretariat (SEAMES)	10-12 March 2021	Participant
834.	Fitri Junaedy, SEI	Sosialisasi BPJS Ketenagakerjaan [Socialization of Employment BPJS] Organized by: BPJS Ketenagakerjaan	10 March 2021	Participant
835.	Herman Apriyadi, SE	Sosialisasi BPJS Ketenagakerjaan [Socialization of Employment BPJS] Organized by: BPJS Ketenagakerjaan	10 March 2021	Participant
836.	Slamet Widodo Sugiarto, SSI	BIOTROP to School (BTS) : Spatial Thinking, "Berbicara, Berdiskusi dan Bermain dengan Ruang" [BIOTROP to School (BTS): Spatial Thinking, "Talk, Discuss and Play with Space"] Organized by: SEAMEO BIOTROP	15 March 2021	Resource Person Spatial Thinking, "Berbicara, Berdiskusi dan Bermain dengan Ruang" [Spatial Thinking, "Talk, Discuss and Play with Space"]
837.	Saiful Bachri, SSI	BIOTROP to School (BTS) : Spatial Thinking, "Berbicara, Berdiskusi dan Bermain dengan Ruang" [BIOTROP to School (BTS): Spatial Thinking, "Talk, Discuss and Play with Space"] Organized by: SEAMEO BIOTROP	15 March 2021	Moderator
838.	Arif Nuryadin, BSc	BIOTROP to School (BTS) Seri 8: Spatial Thinking, "Berbicara, Berdiskusi dan Bermain dengan Ruang" [BIOTROP to School (BTS) Series 8: Spatial Thinking, "Talk, Discuss and Play with Space"] Organized by: SEAMEO BIOTROP	15 March 2021	Participant
839.	Nijma Nurfadila, MSi	BIOTROP to School (BTS) Seri 8: Spatial Thinking, "Berbicara, Berdiskusi dan Bermain dengan	15 March 2021	Participant

		<p>Ruang" [BIOTROP to School (BTS) Series 8: Spatial Thinking, "Talk, Discuss and Play with Space"]</p> <p>Organized by: SEAMEO BIOTROP</p>		
840.	Dr Zulhamsyah Imran	<p>Bimbingan Teknis Keterampilan Budidaya Kerang dalam Rangka Praktek Kerja Mahasiswa ke Jepang [Technical Guidance on Skills for Clam Cultivation for Students Internship to Japan]</p> <p>Jointly Organized by: SEAMEO BIOTROP, Universitas Padjajaran, PT. KIBO TRADING</p>	15 - 16 March 2021	<p>Resource Person</p> <p>Potensi Ekonomi Komoditas Marine Culture [The Economic Potential of Marine Culture Commodities]</p>
841.	Dr Ichsan Achmad Fauzi	<p>Bimbingan Teknis Keterampilan Budidaya Kerang dalam Rangka Praktek Kerja Mahasiswa ke Jepang [Technical Guidance on Skills for Clam Cultivation for Students Internship to Japan]</p> <p>Jointly Organized by: SEAMEO BIOTROP, Universitas Padjajaran, PT. KIBO TRADING</p>	15 - 16 March 2021	<p>Resource Person</p> <p>Teknik Pemberian Pakan pada Kerang dan Manajemen Kualitas Air pada Budidaya Kerang [Clam Feeding Techniques and Water Quality Management in Clam Cultivation]</p>
842.	Sheila Marlinda, MSi	<p>Bimbingan Teknis Keterampilan Budidaya Kerang dalam Rangka Praktek Kerja Mahasiswa ke Jepang [Technical Guidance on Skills for Clam Cultivation for Students Internship to Japan]</p> <p>Jointly Organized by: SEAMEO BIOTROP, Universitas Padjajaran, PT. KIBO TRADING</p>	15 - 16 March 2021	<p>Resource Person</p> <p>Mengenal Budidaya Kerang [Introduction to Shellfish Cultivation]</p>
843.	Sri Widayanti, MSi	<p>Asesmen Implementasi Integrated Pest Management (IPM) di PT Garudafood Putra Putri Jaya Tbk. [Assessment of Integrated Pest Management (IPM) Implementation at PT Garudafood Putra Putri Jaya Tbk.]</p> <p>Organized by: PT. Garudafood Putra Putri Jaya Tbk.</p>	15-18 March 2021	Assessor
844.	Trijanti A. Widinni Asnan, MSi	<p>Asesmen Implementasi Integrated Pest Management (IPM) di PT Garudafood Putra Putri Jaya Tbk. [Assessment of Integrated Pest Management (IPM) Implementation at PT Garudafood Putra Putri Jaya Tbk.]</p> <p>Organized by: PT. Garudafood Putra Putri Jaya Tbk.</p>	15-18 March 2021	Assessor
845.	Sheila Marlinda, MSi	<p>Workshop Online Marine Plastic Debris [Online Workshop on Marine Plastic Debris]</p> <p>Organized by: Institut Pertanian Bogor</p>	15 March 2021	Participant
846.	Dr Erina Sulistiani	<p>Kerja sama Pekerjaan Peningkatan Kapasitas Produksi Laboratorium Kultur Jaringan PT. Bukit Asam [Collaboration in Increasing Production Capacity of the Tissue Culture Laboratory of PT. Bukit Asam]</p> <p>Organized by: PT. Bukit Asam</p>	16-19 March	Tenaga Ahli Proyek Kerja Sama SEAMEO BIOTROP dan PT. Bukit Asam [Expert of Collaborative Working Project between SEAMEO BIOTROP and PT. Bukit Asam]
847.	Samsul A. Yani, SSI	<p>Kerja sama Pekerjaan Peningkatan Kapasitas Produksi Laboratorium Kultur Jaringan PT. Bukit Asam [Collaboration in Increasing Production Capacity of the Tissue Culture Laboratory of PT. Bukit Asam]</p> <p>Organized by:</p>	16-19 March	Tenaga Ahli Proyek Kerja Sama SEAMEO BIOTROP dan PT. Bukit Asam [Expert of Collaborative Working Project between SEAMEO BIOTROP and PT. Bukit Asam]

		PT. Bukit Asam Organized by: PT. Bukit Asam		
848.	Santi Ambarwati, MSi	Remote Assessment ISO 17025 UPT Laboratorium Lingkungan Dinas Lingkungan Hidup Provinsi Jawa Timur [Remote Assessment of ISO 17025 for UPT Environmental Laboratory, East Java Provincial Office of Environmental Service] Organized by: Komite Akreditasi Nasional	16 March 2021	Assessor
849.	Yana	Program Pelaksanaan Sertifikasi Kompetensi Kerja (PSKK) BNSP Tahun 2021: Budidaya [2021 BNSP Work Competency Certification (PSKK) Implementation Program: Cultivation] Organized by: Lembaga Sertifikasi Profesi Kelautan dan Perikanan (LSP-KP)	18 March 2021	Participant
850.	Haritz Cahya Nugraha, MT	Sosialisasi Peraturan Pemerintah Nomor 30 Tahun 2019 tentang Penilaian Kinerja Pegawai Negeri Sipil [Socialization of Government Regulation Number 30 of 2019 concerning Performance Assessment of Civil Servants] Organized by: Kementerian Pendidikan dan Kebudayaan	18-20 March 2021	Participant
851.	Dr Zulhamsyah Imran	Diaspora Talk 3 and Diaspora Mentoring IPB Batch 1: Diaspora Mentoring for Strengthening the International Alumni Network Organized by: SEAMEO BIOTROP dan IPB	21 March 2021	Moderator
852.	Sri Widayanti, MSi	Food Safety Management System (FSMS) Integration ISO 22000:2018, HACCP, GMP, SSOP Organized by: Mindo Education	21 March 2021	Participant
853.	Trijanti A. Widinni Asnan, MSi	Food Safety Management System (FSMS) Integration ISO 22000:2018, HACCP, GMP, SSOP Organized by: Mindo Education	21 March 2021	Participant
854.	Jonner Situmorang, MSi	Seminar Daring: "Air dan Rempah" [Online Seminar on Water and Spices] Organized by: Yayasan Rempah Indonesia	22 March 2021	Participant
855.	Samsul A. Yani, SSI	Peningkatan Kapasitas dan Kompetensi Pelaku Usaha Mikro Budidaya Jamur [Increasing the Capacity and Competence of Mushroom Cultivation Micro Businesses] Jointly Organized by: SEAMEO BIOTROP, Dinas Koperasi dan UKM, Kota Padang	22 - 24 March 2021	Resource Person Budidaya Jamur Pangan, Pengenalan fasilitas dan peralatan budidaya [Food Mushroom Cultivation, Introduction to Cultivation Facilities and Equipment]
856.	Dr Erina Sulistiani	Peningkatan Kapasitas dan Kompetensi Pelaku Usaha Mikro Budidaya Jamur [Increasing the Capacity and Competence of Mushroom Cultivation Micro Businesses] Jointly Organized by: SEAMEO BIOTROP, Dinas Koperasi dan UKM, Kota Padang	22 - 24 March 2021	Resource Person Pembuatan Media Budidaya Jamur [The Making of Mushroom Cultivation Media]
857.	Sugih Mukti, AMd	Peningkatan Kapasitas dan Kompetensi Pelaku Usaha Mikro Budidaya Jamur [Increasing the Capacity and Competence of Mushroom Cultivation Micro Businesses] Jointly Organized by: SEAMEO BIOTROP, Dinas Koperasi dan UKM,	22 - 24 March 2021	Resource Person Isolasi Eksplan Jamur [Isolation of Mushroom Explant]

		Kota Padang		
858.	Ramdani	<p>Peningkatan Kapasitas dan Kompetensi Pelaku Usaha Mikro Budidaya Jamur [Increasing the Capacity and Competence of Mushroom Cultivation Micro Businesses]</p> <p>Jointly Organized by: SEAMEO BIOTROP, Dinas Koperasi dan UKM, Kota Padang</p>	22 - 24 March 2021	<p>Resource Person</p> <p>Pengolahan Jamur Tiram dan Kuping menjadi kripik, kerupuk, dan Nugget [Processing Oyster Mushroom and Ear Mushroom into Mushroom Chips and Nuggets]</p>
859.	Saiful Bachri, SSi	<p>Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	23 March 2021	Participant
860.	Armaiki Yusmur, MSi	<p>Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	23 March 2021	Participant
861.	Rizkia Tirtani	<p>Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	23 March 2021	Participant
862.	Indah Wahyuni, MSi	<p>Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	23 March 2021	Participant
863.	Arif Nuryadin, BSc	<p>Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	23 March 2021	Participant
864.	Herni Widhiastuti, SSi	<p>Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	23 March 2021	Participant
865.	Ir Ina Retnowati	<p>Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP]</p> <p>Organized by: SEAMEO BIOTROP</p>	23 March 2021	Participant
866.	Slamet Widodo Sugiarto, SSi	<p>Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di</p>	23 March 2021	Participant

		SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP		
867.	Eko Purwiyanto	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	23 March 2021	Participant
868.	Santi Ambarwati, MSi	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	23 March 2021	Participant
869.	Dewi Rahmawati, MSi	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	23 March 2021	Participant
870.	Nijma Nurfadila, MSi	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	23 March 2021	Participant
871.	Shella Marlinda, MSi	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	23 March 2021	Participant
872.	Riana Hartati, SSI	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	23 March 2021	Participant
873.	Risa Rosita, SSI	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP Organized by: SEAMEO BIOTROP	23 March 2021	Participant
874.	Aan Darwati, SAK	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP]	23 March 2021	Participant

		Organized by: SEAMEO BIOTROP		
875.	Dewi Suryani, MM	Lokakarya Penyusunan, Pendaftaran, dan Pengelolaan Hak Kekayaan Intelektual (HKI) di SEAMEO BIOTROP [Workshop on Preparation, Registration, and Management of Intellectual Property Rights (IPR) at SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	23 March 2021	Participant
876.	Sri Widayanti, MSi	Asesmen Implementasi Integrated Pest Management (IPM) di PT Garudafood Putra Putri Jaya Tbk. [Assessment of Integrated Pest Management (IPM) Implementation at PT Garudafood Putra Putri Jaya Tbk.] Organized by: PT. Garudafood Putra Putri Jaya Tbk.	23-26 March 2021	Assessor
877.	Trijanti A. Widinni Asnan, MSi	Asesmen Implementasi Integrated Pest Management (IPM) di PT Garudafood Putra Putri Jaya Tbk. [Assessment of Integrated Pest Management (IPM) Implementation at PT Garudafood Putra Putri Jaya Tbk.] Organized by: PT. Garudafood Putra Putri Jaya Tbk.	23-26 March 2021	Assessor
878.	Hery Yanto	Fogging Treatment: Pengenalan, Perawatan, Aplikasi yang Baik dan Benar [Fogging Treatment: Good and Proper Introduction, Maintenance and Application] Organized by: IPB Training	23 March 2021	Participant
879.	Dr Erina Sulistiani	Webinar on Seaweed	25 March 2021	Participant
880.	Herni Widhiastuti, SSi	Webinar Era Mikroskop Digital dalam Inspeksi Industri Manufaktur [Webinar on the Digital Microscope Era in the Inspection of Manufacturing Industry] Organized by: PT Yakin Maju Sentosa	25 March 2021	Participant
881.	Herni Widhiastuti, SSi	Online Course: Serial Urban Pest Control: Rayap-Pengenalan dan Pengendalian [Online Course on Urban Pest Control Series: Termites-Introduction and Control] Organized by: IPB University, ipbtraining.com dan Pusat Penelitian Biomaterial-LIPI	25 March 2021	Participant
882.	Shella Marlinda, MSi	International Session in the 2021 Spring Meeting of JSFS "Sustainable Development Goals (SDGs) and Fisheries Sciences" Organized by: The Japanese Society of Fisheries Science (JSFS)	28 March 2021	Resource person The Use of Watermelon Rind as Functional Feed Ingredient for Redclaw Crayfish (<i>Cherax quadricarinatus</i>)
883.	Dr Soekisman Tjitrosemido	Regional Training Course on The New Concept of Weeds and Their Management Organized by: SEAMEO BIOTROP, MEXT	29 - 31 March 2021	Resource Person Concepts of Weeds, Process of Plant Invasion, Crops and Weeds Competition
884.	Dr Sri Sudarmiyati Tjitrosoedirdjo	Regional Training Course on The New Concept of Weeds and Their Management Organized by: SEAMEO BIOTROP, MEXT	29 - 31 March 2021	Resource Person Weed Identification, Manual and Mechanical Control of Weeds

885.	Indah Wahyuni, MSi	Regional Training Course on The New Concept of Weeds and Their Management Organized by: SEAMEO BIOTROP, MEXT	29 - 31 March 2021	Committee and MC
886.	Saiful Bachri, SSI	Regional Training Course on The New Concept of Weeds and Their Management Organized by: SEAMEO BIOTROP, MEXT	29 - 31 March 2021	Committee and Moderator
887.	Peri Siantuni, SE	Pembinaan Pengelolaan Kas Melalui Optimalisasi Cash Management System (CMS) bagi Satker di Lingkungan Sekretariat Jenderal [Cash Management Development through Optimization of Cash Management System (CMS) for Working Units within the Secretariat General] Organized by: Kementerian Pendidikan dan Kebudayaan	29 March 2021	Participant
888.	Woro Kanti Darmastuti, MSi	Kebijakan Pengembangan Koleksi Perpustakaan Kemendikbud dan Sosialisasi Kebijakan International Standard Book Number (ISBN) dan Katalog dalam Terbitan (KDT) [Policy Outreach on the Development of Policy and International Standard Book Number (ISBN) and Publication Catalog (KDT)] Organized by: Kementerian Pendidikan dan Kebudayaan	30 March 2021	Participant
889.	Arif Nuryadin, BSc	Webinar Pengukuran Hg dengan MD 80 [Webinar on Measurement of Hg with MD 80] Organized by: PT. Spekrakom	30 March 2021	Participant
890.	Fitri Junaedy, SEI	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
891.	Rizkia Tirtani	In-house Training on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
892.	Dewi Suryani MM	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
893.	Sri Ismawati Soerianegara, MSc	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
894.	Haritz Cahya Nugraha, MT	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
895.	Asep Saepudin	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
896.	Dani Yudi Trisna, AMd	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
897.	Woro Kanti Darmastuti, MSi	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
898.	Puput Nisausholiha, SPi	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant

899.	Indra Septian, AMd	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
900.	Lastiah, SE	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
901.	Zulkarnaen Noor Syarif, SKom	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
902.	Riana Hartati, SSI	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
903.	Shella Marlinda, MSi	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
904.	Deki Zulkarnaen, SSos	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
905.	Supriyatno, AMd	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
906.	Hari Sudarman	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
907.	Mulyadiana Prayoga	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
908.	Asim	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
909.	Rima Febriana, SE, Ak	Technical Guidance on Podcast Organized by: SEAMEO BIOTROP	30-31 March 2021	Participant
910.	Sri Widayanti, MSi	Diklat Perawatan Kualitas Staf Perum BULOG [Training Course on BULOG's Staff Quality Care] Organized by: BULOG	31 March 2021	Resource Person
911.	Riana Hartati, SSI	Pelatihan Kehumasan dan Kerja Sama [Training Course on Public Relations and Collaboration] Organized by: SEAQIL	31 March – 1 April 2021	Participant
912.	Puput Nisausholiha, SPI	Pelatihan Kehumasan dan Kerja Sama [Training Course on Public Relations and Collaboration] Organized by: SEAQIL	31 March – 1 April 2021	Participant
913.	Lastiah, SE	Pelatihan Kehumasan dan Kerja Sama [Training Course on Public Relations and Collaboration] Organized by: SEAQIL	31 March – 1 April 2021	Participant
914.	Santi Ambarwati, MSi	Rapat Brainstroming Bahan Sidang Codex Committee on Contaminants in Foods (CCF) ke -	1 April 2021	Resource Person

		14 [Brainstorming Meeting Materials for the 14 th Codex Committee on Contaminants in Foods (CCF)] Organized by: Badan Pengawas Obat dan Makanan		The level of contamination and the method for aflatoxins testing in several food commodities in Indonesia
915.	Sri Widayanti, MSi	Workshop Inovasi 2021 [Workshop on 2021 Innovation]	1 April 2021	Participant
916.	Dr Zulhamsyah Imran	MOA Video Podcast dengan Rektor IPB [Podcast on MoA with the Rector of IPB] Organized by: SEAMEO BIOTROP	2 April 2021	Moderator
917.	Dr Perdinan	Bimbingan Teknis Adaptasi Perubahan Iklim [Technical Guidance on Climate Change Adaptation] Organized by: Kementerian Lingkungan Hidup dan Kehutanan Republik Indonesia (The Ministry of Environment and Forestry of the Republic of Indonesia)	5-7 April 2021	Resource Person 1. Introduction to Climate Change 2. Preparation and Prioritization of Adaptation Options and Integration of Climate Change Adaptation Action Options in Development Planning
918.	Dewi Suryani MM	Kelas Online Pelatihan dan Sertifikasi Kompetensi BNSP: Kompetensi Pelaksanaan Pelatihan Jarak Jauh [Online Class of BNSP Competency Training and Certification: Competency in Remote Training Implementation] Organized by: Lembaga Pendidikan Kompetensi Nasional (LPKN)	5-10 April 2021	Participant
919.	Ulfah Zul Farisa, SHut	Kelas Online Pelatihan dan Sertifikasi Kompetensi BNSP: Kompetensi Pelaksanaan Pelatihan Jarak Jauh [Online Class of BNSP Competency Training and Certification: Competency in Remote Training Implementation] Organized by: Lembaga Pendidikan Kompetensi Nasional (LPKN)	5-10 April 2021	
920.	Harry Imantho MSc	Lokakarya dan Diskusi Terpumpun: Integrasi Kajian Lingkungan Hidup Strategis, Rencana Zonasi Wilayah Pesisir dan Pulau-Pulau Kecil (RZWP3K) dan Rencana Tata Ruang Wilayah (RTRW) [Workshop and Focus Group Discussion on Integrating Strategic Environmental Assessment, Zoning Plan of Coastal Areas and Small Islands (RZWP3K) and Spatial Plans (RTRW)] Organized by: SEAMEO BIOTROP	6 April 2021	Participant
921.	Herni Widhiastuti, SSi	Workshop Bee and Polinator Awareness Day. Lebah, Ketahanan Pangan dan Kesehatan: Peluang dan Tantangan [Workshop Bee and Pollinator Awareness Day. Bees, Food Security and Health: Opportunities and Challenges] Organized by: IPI, PEI, dan CTSS IPB 2	6 April 2021	Participant
922.	Dr Soekisman Tjitrosemito	Talk of Affiliate Scientists (TAS) Series 2: The Progress of Weed Management Organized by: SEAMEO BIOTROP	6 April 2021	Resource Person The Progress of Weed Management
923.	Saiful Bachri, SSi	Talk of Affiliate Scientists (TAS) Series 2: The Progress of Weed Management Organized by:	6 April 2021	Moderator

		SEAMEO BIOTROP		
924.	Indah Wahyuni, MSi	Talk of Affiliate Scientists (TAS) Series 2: The Progress of Weed Management Organized by: SEAMEO BIOTROP	6 April 2021	MC
925.	Santi Ambarwati, MSi	Regional Workshop and FGD on the Potential of Essential Oil Development to Enter New Normal Era in Southeast Asia Organized by: SEAMEO BIOTROP	8 April 2021	Participant
926.	Lastiah, SE	Regional Workshop and FGD on the Potential of Essential Oil Development to Enter New Normal Era in Southeast Asia Organized by: SEAMEO BIOTROP	8 April 2021	Participant
927.	Sri Widayanti, MSi	Regional Workshop and FGD on the Potential of Essential Oil Development to Enter New Normal Era in Southeast Asia Organized by: SEAMEO BIOTROP	8 April 2021	Participant
928.	Arif Nuryadin, BSc	Regional Workshop and FGD on the Potential of Essential Oil Development to Enter New Normal Era in Southeast Asia Organized by: SEAMEO BIOTROP	8 April 2021	Participant
929.	Ir Ina Retnowati	Regional Workshop and FGD on the Potential of Essential Oil Development to Enter New Normal Era in Southeast Asia Organized by: SEAMEO BIOTROP	8 April 2021	Participant
930.	Herni Widhiastuti, SSi	Regional Workshop and FGD on the Potential of Essential Oil Development to Enter New Normal Era in Southeast Asia Organized by: SEAMEO BIOTROP	8 April 2021	Participant
931.	Nijma Nurfadila, MSi	Regional Workshop and FGD on the Potential of Essential Oil Development to Enter New Normal Era in Southeast Asia Organized by: SEAMEO BIOTROP	8 April 2021	MC and Participant
932.	Deri Yandi, SSi	Latihan Dasar Kepemimpinan Siswa (LDKS) [Training Course on Students Basic Leadership (LDKS)] Organized by: Sekolah Republik Indonesia Tokyo	9 April 2021	Participant
933.	Deda Annasia Yuliastri, MSi	Latihan Dasar Kepemimpinan Siswa (LDKS) [Training Course on Students Basic Leadership (LDKS)] Organized by: Sekolah Republik Indonesia Tokyo	9 April 2021	Participant
934.	Alya Shafira, ST	Latihan Dasar Kepemimpinan Siswa (LDKS) [Training Course on Students Basic Leadership (LDKS)] Organized by: Sekolah Republik Indonesia Tokyo	9 April 2021	Participant
935.	Yuni Puspita Sari, MM	Pelatihan dan Bimbingan Teknis HR Manager – Sertifikasi BNSP [Technical Training and Guidance for HR Manager – BNSP Certification]	11, 18, 25 April and 2 May 2021	Participant

		Organized by: PT. Talenta Borneo-Harmoni		
936.	Santi Ambarwati, MSi	Webinar MOMI CLOUDIA Seri 5: Transformasi Manajemen Organisasi dan Proses Bisnis Era New Normal [MOMI CLOUDIA Webinar Series 5: Transformation of Organizational Management and Business Processes in the New Normal Era] Organized by: SEAMEO BIOTROP	12 April 2021	Moderator
937.	Dr. Zulhamsyah Imran	Webinar MOMI CLOUDIA Seri 5: Transformasi Manajemen Organisasi dan Proses Bisnis Era New Normal [MOMI CLOUDIA Webinar Series 5: Transformation of Organizational Management and Business Processes in the New Normal Era] Organized by: SEAMEO BIOTROP	12 April 2021	Participant
938.	Bambang Sulistio, SSi	Webinar MOMI CLOUDIA Seri 5: Transformasi Manajemen Organisasi dan Proses Bisnis Era New Normal [MOMI CLOUDIA Webinar Series 5: Transformation of Organizational Management and Business Processes in the New Normal Era] Organized by: SEAMEO BIOTROP	12 April 2021	Participant
939.	Arif Nuryadin, BSc	Webinar MOMI CLOUDIA Seri 5: Transformasi Manajemen Organisasi dan Proses Bisnis Era New Normal [MOMI CLOUDIA Webinar Series 5: Transformation of Organizational Management and Business Processes in the New Normal Era] Organized by: SEAMEO BIOTROP	12 April 2021	Participant
940.	Jenny Kharismawaty, ST	Webinar MOMI CLOUDIA Seri 5: Transformasi Manajemen Organisasi dan Proses Bisnis Era New Normal [MOMI CLOUDIA Webinar Series 5: Transformation of Organizational Management and Business Processes in the New Normal Era] Organized by: SEAMEO BIOTROP	12 April 2021	Participant
941.	Nijma Nurfadila, MSi	Webinar Mikrobiologi dan Kita #2 dengan topik 1 “Aktinobakteri Endofit Asal Tanaman Obat: Keragaman dan Bioaktivitasnya”, Topik 2 “Strategi dalam menanggulangi Patogen Bawaan Pangan”, dan Topik 3 “Profil Program Studi Mikrobiologi” [Webinar on Microbiology and Us #2 with topic 1 “Endophytic Actinobacteria from Medicinal Plants: Diversity and Bioactivity”, Topic 2 “Strategies in Overcoming Foodborne Pathogens”, and Topic 3 “Profile of Microbiology Study Programs”] Organized by: Departemen Biologi IPB University	13 April 2021	Participant
942.	Riana Hartati, SSI	Kegiatan praktikum m.k. Teknologi Pengolahan Air Limbah (MSP 318) [Practical activities on. Wastewater Treatment Technology (MSP 318)] Organized by: Manajemen Sumberdaya Perairan, FPIK, IPB	15 April 2021	Resource Person Pengenalan Hidroponik [Introduction to Hydroponics]
943.	Santi Ambarwati, MSi	Remote Assessment untuk ISO 17025 Petrogas (Basin) Ltd, Laboratorium Arar [Remote Assessment for ISO 17025 Petrogas (Basin) Ltd, Arar Laboratory] Organized by:	19-20 April 2021	Assessor

		Komite Akreditasi Nasional		
944.	Ir Ina Retnowati	Webinar Pangan Fungsional untuk Perlindungan Alami terhadap Covid-19 [Webinar on Functional Food for Natural Protection against Covid-19] Organized by: Universitas Mataram	19 April 2021	Participant
945.	Sri Widayanti MSi	FGD Penyusunan Strategi Komunikasi, Informasi dan Edukasi (KIE) untuk Peningkatan Pemahaman Masyarakat terkait Produk Hewan yang Aman, Sehat, Utuh, dan Halal (ASUH) [FGD on Formulation of Information, Education and Communication (IEC) Strategies to Increase Public Understanding Regarding Safe, Healthy, Whole, and Halal Animal Products (ASUH)] Jointly Organized by: Kementerian Pertanian, Direktorat Jenderal Peternakan dan Kesehatan Hewan	19 April 2021	Participant
946.	Ir Ina Retnowati	FGD Penyusunan Strategi Komunikasi, Informasi dan Edukasi (KIE) untuk Peningkatan Pemahaman Masyarakat terkait Produk Hewan yang Aman, Sehat, Utuh, dan Halal (ASUH) [FGD on Formulation of Information, Education and Communication (IEC) Strategies to Increase Public Understanding Regarding Safe, Healthy, Whole, and Halal Animal Products (ASUH)] Jointly Organized by: Kementerian Pertanian, Direktorat Jenderal Peternakan dan Kesehatan Hewan	19 April 2021	Participant
947.	Nijma Nurfadila, MSi	Webinar Pangan Fungsional untuk Perlindungan Alami terhadap Covid-19 [Webinar on Functional Food for Natural Protection against Covid-19] Organized by: Universitas Mataram	19 April 2021	Participant
948.	Santi Ambarwati, MSi	Rapat Persiapan Sidang Codex Committee on Contaminants in Food (CCCF) ke-14 [Preparatory Meeting for the 14 th Codex Committee on Contaminants in Food (CCCF) Session] Jointly Organized by: Badan Pengawas Obat dan Makanan	20 April 2021	Resource Person Tingkat Cemarkan dan Cara Pengujian Aflatoksin pada Beberapa Komoditas Pangan di Indonesia [Contamination Levels and Testing Methods for Aflatoxins on Several Food Commodities in Indonesia]
949.	Nijma Nurfadila, MSi	IndoBIC Webinar: Status Regulasi Tanaman Hasil Rekayasa Genetika di Indonesia [IndoBIC Webinar on Regulatory Status of Genetically Engineered Plants in Indonesia] Jointly Organized by: IndoBIC, SEAMEO BIOTROP	20 April 2021	Participant
950.	Sri Widayanti, MSi	IndoBIC Webinar: Status Regulasi Tanaman Hasil Rekayasa Genetika di Indonesia [IndoBIC Webinar on Regulatory Status of Genetically Engineered Plants in Indonesia] Jointly Organized by: IndoBIC, SEAMEO BIOTROP	20 April 2021	Participant
951.	Deda Annasia Yuliasri, MSi	IndoBIC Webinar: Status Regulasi Tanaman Hasil Rekayasa Genetika di Indonesia [IndoBIC Webinar on Regulatory Status of Genetically Engineered Plants in Indonesia] Jointly Organized by: IndoBIC, SEAMEO BIOTROP	20 April 2021	Participant
952.	Dewi Rahmawati, MSi	IndoBIC Webinar: Status Regulasi Tanaman Hasil Rekayasa Genetika di Indonesia [IndoBIC Webinar on Regulatory Status of Genetically Engineered Plants in Indonesia]	20 April 2021	Participant

		Jointly Organized by: IndoBIC, SEAMEO BIOTROP		
953.	Jenny Kharismawaty, ST	IndoBIC Webinar: Status Regulasi Tanaman Hasil Rekayasa Genetika di Indonesia [IndoBIC Webinar on Regulatory Status of Genetically Engineered Plants in Indonesia] Jointly Organized by: IndoBIC, SEAMEO BIOTROP	20 April 2021	Participant
954.	Deri Yandi, SSI	IndoBIC Webinar: Status Regulasi Tanaman Hasil Rekayasa Genetika di Indonesia [IndoBIC Webinar on Regulatory Status of Genetically Engineered Plants in Indonesia] Jointly Organized by: IndoBIC, SEAMEO BIOTROP	20 April 2021	Participant
955.	Dewi Suryani, MM	IndoBIC Webinar: Status Regulasi Tanaman Hasil Rekayasa Genetika di Indonesia [IndoBIC Webinar on Regulatory Status of Genetically Engineered Plants in Indonesia] Organized by: IndoBIC, SEAMEO BIOTROP	20 April 2021	Participant
956.	Dr Erina Sulistiani	IndoBIC Webinar: Status Regulasi Tanaman Hasil Rekayasa Genetika di Indonesia [IndoBIC Webinar on Regulatory Status of Genetically Engineered Plants in Indonesia] Organized by: IndoBIC, SEAMEO BIOTROP	20 April 2021	Participant
957.	Dr Erina Sulistiani	Webinar on Diversity and Technology: Toward Sustainable Seaweed Industry Organized by: INFOFISH	21 April 2021	Participant
958.	Dr Erina Sulistiani	Seaweed's Talk: Peningkatan Daya Saing Rumput Laut dan Produk Turunannya [Seaweed's Talk: Increasing the Competitiveness of Seaweed and Its Derivative Products] Jointly Organized by: PPUKM-P2SDM-LPPM-IPB	22 April 2021	Resource Person Penyediaan Bibit Rumput Laut Unggul dengan Teknik Kultur Jaringan [Provision of Superior Seaweed Seedlings by using Tissue Culture Techniques]
959.	Shella Marlinda, MSi	Akuaponik: Kegiatan praktikum m.k Teknologi Pengolahan Air Limbah (MSP 318), [Aquaponics: Practical activities on Wastewater Treatment Technology (MSP 318),] Jointly Organized by: MSP , FPIK, IPB	22 April 2021	Resource Person Aquaponics
960.	Armaiki Yusmur, MSi	Studi Kelayakan Konsep Hutan Energi PT Alam Sukses Lestari [Feasibility Study on Energy Forest Concept of PT Alam Sukses Lestari] Organized by: Primakelola	23 April – 5 May 2021	Tenaga Ahli Bidang Pemetaan dalam Survey Lapangan [Mapping Expert in Field Surveys]
961.	Dr Perdinan	Expert Pool Study on Interlinkages between Indonesia Biodiversity and Climate Change: A Dynamic Modeling Organized by: PT. AMYTHAS	23 April 2021	Resource Person Mendesain Variabel yang Mempengaruhi Mental Model dan Menentukan Hubungan antar Variabel Biodiversitas [Designing Variables Affecting Mental Models and Determining Relationships among Biodiversity Variables]
962.	Nijma Nurfadila MSi	Webinar Membangkitkan Kejayaan Rempah Indonesia [Webinar on Awakening the Glory of Indonesian	23 April 2021	Participant

		Spices] Organized by: Direktorat Jenderal Perkebunan		
963.	Prof Dr Bambang Purwantara	Talk of Affiliate Scientist (TAS) Seri 3: Strategi Penyusunan Proposal Penelitian dan Competitive Grant [Talk of Affiliate Scientist (TAS) Series 3: Strategies for Formulating Research Proposals and Competitive Grants] Organized by: SEAMEO BIOTROP	27 April 2021	Resource Person Strategi Penyusunan Proposal Penelitian dan Competitive Grant [Strategy for Formulating Research Proposal and Competitive Grant]
964.	Risa Rosita, SSi	Talk of Affiliate Scientist (TAS) Seri 3: Strategi Penyusunan Proposal Penelitian dan Competitive Grant [Talk of Affiliate Scientist (TAS) Series 3: Strategies for Formulating Research Proposals and Competitive Grants] Organized by: SEAMEO BIOTROP	27 April 2021	Moderator
965.	Bambang Sulistio, SSi	Talk of Affiliate Scientist (TAS) Seri 3: Strategi Penyusunan Proposal Penelitian dan Competitive Grant [Talk of Affiliate Scientist (TAS) Series 3: Strategies for Formulating Research Proposals and Competitive Grants] Organized by: SEAMEO BIOTROP	27 April 2021	Participant
966.	Nijma Nurfadila, MSi	Talk of Affiliate Scientist (TAS) Seri 3: Strategi Penyusunan Proposal Penelitian dan Competitive Grant [Talk of Affiliate Scientist (TAS) Series 3: Strategies for Formulating Research Proposals and Competitive Grants] Organized by: SEAMEO BIOTROP	27 April 2021	Participant
967.	Dr Zulhamsyah Imran	SEAMEO Virtual Congress 2021	28 April 2021	Moderator
968.	Herni Widhiastuti, SSi	Webinar on Safety Solution In Industrial Working Environment Organized by: PT Indo Global Trade dan Draeger	28 April 2021	Participant
969.	Sri Widayanti, MSi	Webinar on Safety Solution In Industrial Working Environment Organized by: PT Indo Global Trade dan Draeger	28 April 2021	Participant
970.	Nijma Nurfadila, MSi	Agritech and Food Innovation Webinar 2021: Smart Innovation and Technology in Agri and Food Industry Organized by: : Global Expo Management (GEM) Indonesia	28 April 2021	Participant
971.	Santi Ambarwati, MSi	Remote Assessment for ISO 17025 PT AXO Green Laboratory Organized by: Komite Akreditasi Nasional	29-30 April 2021	Assessor
972.	Dr Zulhamsyah Imran	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Panel Speaker
973.	Nijma Nurfadila, MSi	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia	3 May 2021	Participant

		Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres		
974.	Ir Ina Retnowati	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
975.	Deri Yandi, SSi	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
976.	Wati Madyawati	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
977.	Dr Erina Sulistiani	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
978.	Santi Ambarwati, MSi	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
979.	Syifa Fauzia, SSi	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
980.	Saiful Bachri, SSi	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
981.	Dani Yudi Trisna, AMd	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
982.	Indra Septian, AMd	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
983.	Rima Febriana, SE, Ak	International Webinar on Contributions and Impacts of SEAMEO Centres-Indonesia on Education in Indonesia and Southeast Asia Jointly Organized by: Kemendikbud dan 7 SEAMEO Centres	3 May 2021	Participant
984.	Yuni Puspita Sari, MM	Workshop Preservasi Asrip Seri ke-1: Pengendalian Hama Terpadu pada Arsip [Workshop on Preserving Archives Series # 1: Integrated Pests Management on Archives]	4 May 2021	Participant
985.	Zulkarnaen Noor Syarif, SKom	Talk Show: Curahan Hati Belajar Matematika Selama Pandemi [Talk Show on Challenges in Learning Mathematics]	5 May 2021	Participant

		during the Pandemic] Organized by: Kementerian Pendidikan dan Kebudayaan		
986.	Dr Erina Sulistiani	Webinar Seaweed's Talk: Peningkatan Daya Saing Rumput laut Indonesia: Sektor Hilir [Seaweed's Talk Webinar on Improving Indonesia's Seaweed Competitiveness: Downstream Sector] Jointly Organized by: PPUKM-IPB, KKP, SMART Fish-2 QuaRance Consulting	6 May 2021	Participant
987.	Riana Hartati, SSI	Praktek Pembuatan Nota Kerja Sama, Peliputan dan Penulisan Berita HIT Kehumasan dan Kerja Sama [Practice on Formulating Memorandum of Understanding, Reporting and Writing HIT News for Public Relations and Collaboration Section] Organized by: SEAMEO SEAQIL	17-18 May 2021	Participant
988.	Lastiah SE	Praktek Pembuatan Nota Kerja Sama, Peliputan dan Penulisan Berita HIT Kehumasan dan Kerja Sama [Practice on Formulating Memorandum of Understanding, Reporting and Writing HIT News for Public Relations and Collaboration Section] Organized by: SEAMEO SEAQIL	17-18 May 2021	Participant
989.	Puput Nisausholiha, SPi	Praktek Pembuatan Nota Kerja Sama, Peliputan dan Penulisan Berita HIT Kehumasan dan Kerja Sama [Practice on Formulating Memorandum of Understanding, Reporting and Writing HIT News for Public Relations and Collaboration Section] Organized by: SEAMEO SEAQIL	17-18 May 2021	Participant
990.	Dewi Suryani, MM	Workshop Integrasi Lahan Gambut [Workshop on Peatland Integration]	18 May 2021	Participant
991.	Deri Yandi.SSi	Talkshow Urban Farming: Budidaya Hidroponik, Akuaponik, dan Jamur Pangan [Urban Farming Talkshow: Hydroponic, Aquaponic, and Mushroom Cultivation] Organized by: SEAMEO BIOTROP	21 May 2021	Participant
992.	Dewi Suryani, MM	Talkshow Urban Farming: Budidaya Hidroponik, Akuaponik, dan Jamur Pangan [Talkshow on Urban Farming: Hydroponics, Aquaponics, and Edible Mushrooms Cultivation] Organized by: SEAMEO BIOTROP	21 May 2021	Moderator
993.	Sheila Marlinda, MSi	Talkshow Urban Farming: Budidaya Hidroponik, Akuaponik, dan Jamur Pangan [Talkshow on Urban Farming: Hydroponics, Aquaponics, and Edible Mushrooms Cultivation] Organized by: SEAMEO BIOTROP	21 May 2021	Resource Person
994.	Samsul A. Yani, SSI	Talkshow Urban Farming: Budidaya Hidroponik, Akuaponik, dan Jamur Pangan [Talkshow on Urban Farming: Hydroponics, Aquaponics, and Edible Mushrooms Cultivation] Organized by: SEAMEO BIOTROP	21 May 2021	Resource Person
995.	Riana Hartati, SSI	Talkshow Urban Farming: Budidaya Hidroponik,	21 May 2021	Resource Person

		Akuaponik, dan Jamur Pangan [Talkshow on Urban Farming: Hydroponics, Aquaponics, and Edible Mushrooms Cultivation] Organized by: SEAMEO BIOTROP		
996.	Dr Erina Sulistiani	Webinar: Budidaya, Inovasi dan Industrialisasi Rumput Laut [Webinar on Seaweed Cultivation, Innovation and Industrialization] Organized by: Fakultas Pertanian, UGM	24 May 2021	Participant
997.	Yuni Puspita Sari, MM	Seminar Nasional dan Pameran Kearsipan Virtual: Akselerasi Transparansi Birokrasi melalui Gerakan Sadar Tertib Arsip [National Seminar and Exhibition of Virtual Archives: Acceleration of Bureaucratic Transparency through the Archives Awareness Movement] Organized by: Forum Pengelola Arsip-IPB	24 May 2021	Participant
998.	Dr Erina Sulistiani	Webinar TSIN Series #1: Perkembangan Rencana Aksi Pengembangan Industri Rumput Laut Nasional [TSIN Series #1 Webinar on the Development of National Seaweed Industry Action Plan] Jointly Organized by: Kementerian Kelautan dan Perikanan, Tropical Seaweed Innovation Network	27 May 2021	Participant
999.	Rima Febriana, SE, Ak	Workshop Monitoring dan Rekonsiliasi Keuangan Satker SEAMEO SEAMOLEC Periode May 2021 [Workshop on Monitoring and Financial Reconciliation of SEAMEO SEAMOLEC Working Unit for the Period of May 2021] Organized by: SEAMEO SEAMOLEC	27-29 May 2021	Participant
1000.	Devi Septrianti, SE	Workshop Monitoring dan Rekonsiliasi Keuangan Satker SEAMEO SEAMOLEC Periode May 2021 [Workshop on Monitoring and Financial Reconciliation of SEAMEO SEAMOLEC Working Unit for the Period of May 2021] Organized by: SEAMEO SEAMOLEC	27-29 May 2021	Participant
1001.	Wati Madyawati	Workshop Monitoring dan Rekonsiliasi Keuangan Satker SEAMEO SEAMOLEC Periode May 2021 [Workshop on Monitoring and Financial Reconciliation of SEAMEO SEAMOLEC Working Unit for the Period of May 2021] Organized by: SEAMEO SEAMOLEC	27-29 May 2021	Participant
1002.	Bambang Sulistio, SSI	Workshop Monitoring dan Rekonsiliasi Keuangan Satker SEAMEO SEAMOLEC Periode May 2021 [Workshop on Monitoring and Financial Reconciliation of SEAMEO SEAMOLEC Working Unit for the Period of May 2021] Organized by: SEAMEO SEAMOLEC	27-29 May 2021	Participant
1003.	Peri Siantuni, SE	Workshop Monitoring dan Rekonsiliasi Keuangan Satker SEAMEO SEAMOLEC Periode May 2021 [Workshop on Monitoring and Financial Reconciliation of SEAMEO SEAMOLEC Working Unit for the Period of May 2021] Organized by: SEAMEO SEAMOLEC	27-29 May 2021	Participant
1004.	Herman Apriyadi, SE	Workshop Monitoring dan Rekonsiliasi Keuangan Satker SEAMEO SEAMOLEC Periode May 2021	27-29 May 2021	Participant

		[Workshop on Monitoring and Financial Reconciliation of SEAMEO SEAMOLEC Working Unit for the Period of May 2021] Organized by: SEAMEO SEAMOLEC		
1005.	M. Tajudin, MM	Workshop Monitoring dan Rekonsiliasi Keuangan Satker SEAMEO SEAMOLEC Periode May 2021 [Workshop on Monitoring and Financial Reconciliation of SEAMEO SEAMOLEC Working Unit for the Period of May 2021] Organized by: SEAMEO SEAMOLEC	27-29 May 2021	Participant
1006.	Dr Erina Sulistiani	Webinar on BIOPRENEURSHIP “Maximize the Line for Biology Business” Organized by: Himpunan Mahasiswa Biologi IPB	30 May 2021	Resource Person Teknologi Kultur Jaringan Tanaman sebagai Peluang Bisnis [Plant Tissue Culture Technology as a Business Opportunity]
1007.	Asep Syaefudin, SE	Workshop Keuangan SEAMEO BIOTROP [SEAMEO BIOTROP Workshop on Finance] Organized by: SEAMEO BIOTROP	31 May 2021	Participant
1008.	Arif Nuryadin, BSc	Workshop Keuangan SEAMEO BIOTROP [SEAMEO BIOTROP Workshop on Finance] Organized by: SEAMEO BIOTROP	31 May 2021	Participant
1009.	Bambang Sulistio, SSi	Workshop Keuangan SEAMEO BIOTROP [SEAMEO BIOTROP Workshop on Finance] Organized by: SEAMEO BIOTROP	31 May 2021	Participant
1010.	Sri Widayanti, MSi	Workshop Keuangan SEAMEO BIOTROP [SEAMEO BIOTROP Workshop on Finance] Organized by: SEAMEO BIOTROP	31 May 2021	Participant
1011.	Dr Erina Sulistiani	Workshop Keuangan SEAMEO BIOTROP [SEAMEO BIOTROP Workshop on Finance] Organized by: SEAMEO BIOTROP	31 May 2021	Participant
1012.	Deda Annasia Yuliasri, MSi	Workshop Keuangan SEAMEO BIOTROP [SEAMEO BIOTROP Workshop on Finance] Organized by: SEAMEO BIOTROP	31 May 2021	Participant
1013.	Rima Febriana, SE, Ak	Workshop Keuangan SEAMEO BIOTROP [SEAMEO BIOTROP Workshop on Finance] Organized by: SEAMEO BIOTROP	31 May 2021	Participant
1014.	Dewi Suryani, MM	Workshop Keuangan SEAMEO BIOTROP [SEAMEO BIOTROP Workshop on Finance] Organized by: SEAMEO BIOTROP	31 May 2021	Participant
1015.	Dr Erina Sulistiani	Training Course on Tissue Culture for Supplying Cottonii Seaweed Seedlings Organized by: INFOFISH	2-3 June 2021	Resource Person 1. Tissue Culture Techniques for Producing Plant and Seaweed Seedlings 2. Facilities, Required Equipment and Aseptic Techniques in Seaweed

				<p>Tissue Culture</p> <p>3. Culture Media for Cottonii Seaweed Tissue Culture</p> <p>4. Stages of Cottonii Seaweed Tissue Culture</p>
1016.	Saiful Bachri, SSi	<p>FGD Digitalisasi Sistem [FGD on System Digitizing]</p> <p>Organized by: SEAMEO BIOTROP</p>	2 June 2021	Participant
1017.	Riana Hartati, SSi	<p>FGD Digitalisasi Sistem [FGD on System Digitizing]</p> <p>Organized by: SEAMEO BIOTROP</p>	2 June 2021	Participant
1018.	Slamet Widodo Sugiarto, SSi	<p>FGD Digitalisasi Sistem [FGD on System Digitizing]</p> <p>Organized by: SEAMEO BIOTROP</p>	2 June 2021	Participant
1019.	Tenni Wahyuni, AMd	<p>FGD Digitalisasi Sistem [FGD on System Digitizing]</p> <p>Organized by: SEAMEO BIOTROP</p>	2 June 2021	1. Participant
1020.	Indah Wahyuni, MSi	<p>FGD Digitalisasi Sistem [FGD on System Digitizing]</p> <p>Organized by: SEAMEO BIOTROP</p>	2 June 2021	Participant
1021.	Sri Widayanti, MSi	<p>FGD Digitalisasi Sistem [FGD on System Digitizing]</p> <p>Organized by: SEAMEO BIOTROP</p>	2 June 2021	Participant
1022.	Haritz Cahya Nugraha, MT	<p>FGD Digitalisasi Sistem [FGD on System Digitizing]</p> <p>Organized by: SEAMEO BIOTROP</p>	2 June 2021	Participant
1023.	Arif Nuryadin, BSc	<p>Workshop Perencanaan DIPA TA 2022 [Workshop on 2022 DIPA Planning]</p> <p>Organized by: SEAMEO BIOTROP</p>	4 June 2021	Participant
1024.	Rima Febriana, SE, Ak	<p>Workshop Perencanaan DIPA TA 2022 [Workshop on 2022 DIPA Planning]</p> <p>Organized by: SEAMEO BIOTROP</p>	4 June 2021	Participant
1025.	Dr Zulhamsyah Imran	<p>Pembekalan Kuliah Kerja Nyata Tematik: Leadership and Character Building [Internship Briefing: Leadership and Character Building]</p> <p>Organized by: Institut Pertanian Bogor</p>	5 June 2021	Resource Person
1026.	Dr Ulfah J. Siregar	<p>Regional Technical Guidance on Application of Next Generation Sequencing (NGS) Data and Artificial Intelligence (AI) in Agriculture</p> <p>Organized by: SEAMEO BIOTROP</p>	7, 8, 9, dan 14 June 2021	Moderator
1027.	Dr Ulfah J. Siregar	<p>Bimbingan Teknis Biologi Molekuler untuk Guru</p>	7-11 June 2021	Resource Person

		SMA/SMK/Sederajat di Seluruh Indonesia [National Technical Guidance on Molecular Biology for High School and Vocational School Teachers in Indonesia] Organized by: SEAMEO BIOTROP		
1028.	Deri Yandi, SSi	Bimbingan Teknis Biologi Molekuler untuk Guru SMA/SMK/Sederajat di Seluruh Indonesia [National Technical Guidance on Molecular Biology for High School and Vocational School Teachers in Indonesia] Organized by: SEAMEO BIOTROP	8 and 10 June 2021	Participant
1029.	Dewi Rahmawati, MSi	Bimbingan Teknis Biologi Molekuler untuk Guru SMA/SMK/Sederajat di Seluruh Indonesia [National Technical Guidance on Molecular Biology for High School and Vocational School Teachers in Indonesia] Organized by: SEAMEO BIOTROP	7-11 June 2021	Resource Person
1030.	Anidah, MTP	Bimbingan Teknis Biologi Molekuler untuk Guru SMA/SMK/Sederajat di Seluruh Indonesia [National Technical Guidance on Molecular Biology for High School and Vocational School Teachers in Indonesia] Organized by: SEAMEO BIOTROP	7-11 June 2021	Resource Person
1031.	Haritz Cahya Nugraha, MT	Webinar Pengelolaan Jurnal dan Persiapan Seminar Internasional [Webinar on Journal Management and Preparation of International Seminars] Organized by: SEAQIS	8-10 June 2021	Participant
1032.	Sri Ismawati Soerianegara, MSc	Webinar Pengelolaan Jurnal dan Persiapan Seminar Internasional [Webinar on Journal Management and Preparation of International Seminars] Organized by: SEAQIS	8-10 June 2021	Participant
1033.	Nijma Nurfadila, MSi	Webinar on Indonesia's Future Food Technology Organized by: PT GEM Indonesia	10 June 2021	Participant
1034.	Dr. Erina Sulistiani	Workshop Digital Marketing [Workshop on Digital Marketing] Organized by: Sinergi Kreatif Indonesia	12-13 June 2021	Participant
1035.	Harry Imantho, MSc	Bimbingan Teknis Pengembangan SMK Model Agro Eko Eduwisata Program SMARTS-BE [Technical Guidance for the Development of Vocational Schools with Agro-Eco-Edu Tourism Model- A SMARTS-BE Program] Organized by: SMARTS-Be	14-16 June 2021	Resource Person SMART Farming
1036.	Dr. Perdinan	Pendampingan Penyusunan Rencana Aksi Adaptasi Perubahan Iklim di Kabupaten Indramayu [Mentoring in the Preparation of Action Plans for Climate Change Adaptation in Indramayu District] Organized by:	15 June 2021	Resource Person

		Kementerian Lingkungan Hidup dan Kehutanan		
1037.	Dr Supriyanto	Bimbingan Teknis tentang Penanaman Vetiver, Pemuliaan Pohon Hutan, dan Kesesuaian Jenis Lahan (Site-species Matching) [Technical Guidance on Vetiver Planting, Forest Tree Breeding, and Site-species Matching] Organized by: PT. Sarmiento Parakantja Timber	15-21 June 2021	Resource Person
1038.	Zulkarnaen Noor Syarif, SKom	Workshop Perhitungan Harga konstruksi [Workshop on Calculating Construction Price] Organized by: SEAMEO BIOTROP	16-18 June 2021	Participant
1039.	Mulyadiana Prayoga	Workshop Perhitungan Harga konstruksi [Workshop on Calculating Construction Price] Organized by: SEAMEO BIOTROP	16 – 18 June 2021	Participant
1040.	Agus Sujadi	Workshop Perhitungan Harga konstruksi [Workshop on Calculating Construction Price] Organized by: SEAMEO BIOTROP	16-18 June 2021	Participant
1041.	Asep Syaefudin, SE	Workshop Perhitungan Harga konstruksi [Workshop on Calculating Construction Price] Organized by: SEAMEO BIOTROP	16-18 June 2021	Participant
1042.	Rima Febriana, SE, Ak	Workshop Perhitungan Harga konstruksi [Workshop on Calculating Construction Price] Organized by: SEAMEO BIOTROP	16 – 18 June 2021	Participant
1043.	Lastiah, SE	Workshop Perhitungan Harga konstruksi [Workshop on Calculating Construction Price] Organized by: SEAMEO BIOTROP	16-18 June 2021	Participant
1044.	Indra Septian, AMd	Workshop Perhitungan Harga konstruksi [Workshop on Calculating Construction Price] Organized by: SEAMEO BIOTROP	16 - 18 June 2021	Participant
1045.	Herni Widhiastuti, SSi	Webinar PTN seri 03 dengan Tema “Manajemen Tikus Terpadu: Pendekatan Ekologi, Ekonomi dan Sosiokultural [PTN webinar Series 03 on Integrated Rat Management: Ecological, Economic and Sociocultural Approaches] Organized by: Fakultas Pertanian-IPB University	17 June 2021	Participant
1046.	Sri Widayanti, MSi	Penyempurnaan Penyusunan Buku Saku “Pengelolaan Serangga Hama dan Cendawan Gudang Komoditas Perkebunan [Meetings on the Completion of the Pocket Book titled “Management of Storage Insects, Pests and Fungi for Plantation Commodities] Organized by: Kementerian Pertanian	21 June 2021	Resource Person
1047.	Dr Zulhamsyah Imran	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System	18 June 2021	Participant

		Governance] Organized by: SEAMEO BIOTROP		
1048.	Dr Perdinan	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1049.	Prof Dr Okky Setyawati Dharmaputra	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1050.	Asep Syaefudin, SE	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1051.	Bambang Sulistio, SSI	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1052.	Rima Febriana, SE, Ak	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1053.	Santi Ambarwati, MSi	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1054.	Tenni Wahyuni, AMd	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1055.	Dewi Suryani, MM	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1056.	Yuni Puspita Sari, MM	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance]	18 June 2021	Moderator dan Participant

		Organized by: SEAMEO BIOTROP		
1057.	Dr Erina Sulistiani	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1058.	Armaiki Yusmur, MSi	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion of Organizational System Governance SEAMEO BIOTROP] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1059.	Agus Sujadi	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1060.	Alfi Dwi Nugroho, Amd	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1061.	Lukman Haris, SSI	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1062.	Shella Marlinda, MSi	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1063.	Ir Ina Retnowati	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1064.	Herni Widhiastuti, SSI	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1065.	Yunita, SP	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant

1066.	Alya Shafira, ST	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant dan MC
1067.	Devi Septrianti, SE	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1068.	Anidah, MTP	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1069.	Eko Purwiyanto	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1070.	Arif Nuryadin, BSc	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1071.	Dr Sri Sudarmiyati Tjitrosoedirdjo	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1072.	Sri Widayanti, MSi	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1073.	Ir Ina Retnowati	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1074.	Riana Hartati, SSi	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP [Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP	18 June 2021	Participant
1075.	Deri Yandi, SSi	Lokakarya dan Diskusi Terpumpun Sistem Organisasi Tata Kelola SEAMEO BIOTROP	18 June 2021	Participant

		[Workshop and Focused Group Discussion on SEAMEO BIOTROP Organizational System Governance] Organized by: SEAMEO BIOTROP		
1076.	Bambang Sulistio, SSi	Webinar Sosialisasi Pajak [Webinar on Tax Socialization]	21 June 2021	Participant
1077.	Aan Darwati, SAK	Webinar Sosialisasi Pajak [Webinar on Tax Socialization]	21 June 2021	Participant
1078.	Asep Syaefudin, SE	Workshop penilaian Harga konstruksi [Workshop on Construction Price Appraisal] Organized by: SEAMEO BIOTROP	21 June 2021	Participant
1079.	Bambang Sulistio, SSi	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1080.	Ir Ina Retnowati	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1081.	Ulfah Zul Farisa, SHut	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1082.	Fitri Junaedy, SEI	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1083.	Eko Purwiyanto	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1084.	Alya Shafira, ST	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1085.	Dr Erina Sulistiani	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 and 24 June 2021	Participant
1086.	Rosadi Kartawijaya, SPd	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by:	22 June 2021	Participant

		SEAMEO BIOTROP		
1087.	Eriza Falashifa, SHut	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1088.	Lillys Betty Yuliawati, SSi	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1089.	Zulkarnaen Noor Syarif, SKom	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1090.	Wati Madyawati	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1091.	Indah Wahyuni, MSi	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1092.	Deri Yandi, SSi	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1093.	Agus Sujadi	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1094.	Santi Ambarwati, MSi	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1095.	Elvina Rahayu, SAK	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1096.	Deda Annasia Yuliastri, MSi	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1097.	Adwitya Priyotama, SH	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and	22 June 2021	Participant

		Multitasking] Organized by: SEAMEO BIOTROP		
1098.	Puput Nisausholiha, SPI	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1099.	M. Tajudin, MM	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1100.	Lukman Haris, SSI	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1101.	Jenny Kharismawaty, ST	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1102.	Rima Febriana, SE, Ak	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1103.	Saiful Bachri, SSI	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1104.	Yuni Puspita Sari, MM	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1105.	Riana Hartati, SSI	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1106.	Rasyid Aulia Rachman, SSI.	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1107.	Alfi Dwi Nugroho, AMd	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant

1108.	Arif Nuryadin, BSc	Workshop Peningkatan Inisiatif dan Multitasking Job [Workshop on Job Initiative Improvement and Multitasking] Organized by: SEAMEO BIOTROP	22 June 2021	Participant
1109.	Nijma Nurfadila, MSi	Webinar Diversifikasi Pangan Lokal Seri 2 Gaya hidup Sehat, Kekinian dengan Pangan Lokal [Webinar on Diversification of Local Food Series 2: Healthy, Modern Lifestyle with Local Food] Organized by: Kompas Group	23 June 2021	Participant
1110.	Agus Sujadi	Workshop fasilitas dan asset [Workshop on Facilities and Assets] Organized by: SEAMEO BIOTROP	23 June 2021	Participant
1111.	Sri Ismawati Soerianegara, MSc	Workshop Himpunan Editor Berkala Ilmiah Indonesia (HEBII) tentang Internasionalisasi Jurnal Ilmiah [Workshop of the Association of Indonesian Scientific Periodic Editors (HEBII) on the Internationalization of Scientific Journals] Organized by: Himpunan Editor Berkala Ilmiah Indonesia (HEBII)	24 June 2021	Participant
1112.	Zulkarnaen Noor Syarif, SKom	Bimtek E-SKP SEAMEO Center [Technical Guidance of SEAMEO Center on E-SKP] Organized by: SEAQIL	24 -25 June 2021	Participant
1113.	Yunita, SP	Bimtek E-SKP SEAMEO Center [Technical Guidance of SEAMEO Center on E-SKP] Organized by: SEAQIL	24 - 25 June 2021	Participant
1114.	Fitri Junaedy, SEI	Bimtek E-SKP SEAMEO Center [Technical Guidance of SEAMEO Center on E-SKP] Organized by: SEAQIL	24 - 25 June 2021	Participant
1115.	Bambang Sulistio, SSI	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
1116.	Asep Syaefudin, SE	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
1117.	Jenny Kharismawaty, ST	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
1118.	Ulfah Zul Farisa, SHut	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by:	24 June 2021	Participant

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11	Deri Yandi, SSI	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Yuni Puspita Sari, MM	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Shella Marlinda, MSi	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Lilys Betty Yuliawati, SSI	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Elvina Rahayu, SAK	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Ir Ina Retnowati	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Nijma Nurfadila, MSi	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Dr Erina Sulistiani	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Saiful Bachri, SSI	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	M. Tajudin, MM	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant

11	Riana Hartati, SSi	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Puput Nisausholiha, SPi	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Indra Septian, AMd	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Yunita, SP	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Dr. Perdinan	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Zulkarnaen Noor Syarif, SKom	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Rosadi Kartawijaya, SPD	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Alfi Dwi Nugroho, AMd	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Agus Sujadi	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Eriza Falashifa, SHut	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and public speaking] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Rima Febriana, SE, Ak	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy]	24 June 2021	Participant

		Organized by: SEAMEO BIOTROP		
11	Harry Imantho, MSc	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Indah Wahyuni, MSi	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Deda Annasia Yuliastri, MSi	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Fitri Junaedy, SEI	Lokakarya strategi kehumasan dan public speaking [Workshop on Public Relation and Public Speaking Strategy] Organized by: SEAMEO BIOTROP	24 June 2021	Participant
11	Ir Ina Retnowati	Workshop Penyusunan Pertanggungjawaban Dana Penelitian DIPA SEAMEO BIOTROP [Workshop on Preparing Financial Accountability Report for SEAMEO BIOTROP DIPA Research Funds] Organized by: SEAMEO BIOTROP	29 June 2021	Participant
11	Supriyatno, AMd	Workshop Penyusunan Pertanggungjawaban Dana Penelitian DIPA SEAMEO BIOTROP [Workshop on Preparing Financial Accountability Report for SEAMEO BIOTROP DIPA Research Funds] Organized by: SEAMEO BIOTROP	29 June 2021	Participant
11	Dewi Rahmawati, MSi	Workshop Penyusunan Pertanggungjawaban Dana Penelitian DIPA SEAMEO BIOTROP [Workshop on Preparing Financial Accountability Report for SEAMEO BIOTROP DIPA Research Funds] Organized by: SEAMEO BIOTROP	29 June 2021	Participant
11	Herni Widhiastuti, SSi	Workshop Penyusunan Pertanggungjawaban Dana Penelitian DIPA SEAMEO BIOTROP [Workshop on Preparing Financial Accountability Report for SEAMEO BIOTROP DIPA Research Funds] Organized by: SEAMEO BIOTROP	29 June 2021	Participant
11	Trijanti A. Widinni Asnan, MSi	Workshop Penyusunan Pertanggungjawaban Dana Penelitian DIPA SEAMEO BIOTROP [Workshop on Preparing Financial Accountability Report for SEAMEO BIOTROP DIPA Research Funds] Organized by: SEAMEO BIOTROP	29 June 2021	Participant

11	Saiful Bachri, SSI	Workshop Penyusunan Pertanggungjawaban Dana Penelitian DIPA SEAMEO BIOTROP [Workshop on Preparing Financial Accountability Report for SEAMEO BIOTROP DIPA Research Funds] Organized by: SEAMEO BIOTROP	29 June 2021	Participant
11	Indah Wahyuni, MSi	Workshop Penyusunan Pertanggungjawaban Dana Penelitian DIPA SEAMEO BIOTROP [Workshop on Preparing Financial Accountability Report for SEAMEO BIOTROP DIPA Research Funds] Organized by: SEAMEO BIOTROP	29 June 2021	Participant
11	Aan Darwati, SAK	Workshop Penyusunan Pertanggungjawaban Dana Penelitian DIPA SEAMEO BIOTROP [Workshop on Preparing Financial Accountability Report for SEAMEO BIOTROP DIPA Research Funds] Organized by: SEAMEO BIOTROP	29 June 2021	Participant

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