

**RUNDOWN**  
**THE 3<sup>rd</sup> INTERNATIONAL CONFERENCE ON TROPICAL SILVICULTURE**  
*“Inspiring Silviculture Innovation and Research in Achieving Sustainable Development Goals”*  
 August 24<sup>th</sup>, 2021

Link zoom : <https://ipb.link/3rdicts2021>  
 Meeting ID : 976 6526 3746  
 Passcode : ICTS2021

No.	Time*	Program	
1	07.30 – 08.00	<b>Registration</b>	
2	08.00 – 08.05	<b>Opening ceremony:</b>	
		Indonesian National Anthem	
3	08.05 – 08.10	Report from <b>Chairman of the Organizing Committee</b>	
	08.10 – 08.15	Welcome Remark by <b>Dean of Faculty of Forestry and Environment, IPB University</b>	
	08.15 – 08.25	Opening Remarks by <b>Rector of IPB University</b>	
4	08.25 – 08.30	<b>Group Photo Session</b>	
5	<b>Keynote speaker:</b>		
	<b>Moderator : Dr. Ir. Ulfah Juniarti Siregar, M.Agr (IPB University)</b>		
	08.30 – 08.50	<b>1. Prof. Mark A. Cochrane (University of Maryland Center for Environmental Science, US):</b> "Monitoring Large-scale Carbon-loss from Indonesia's Peatlands and The Effectiveness of Mitigation Efforts"	
	08.50 – 09.10	<b>2. Prof. Ralph Mitlöchner (University of Göttingen, Germany):</b> "Forest Landscape Restoration: Challenges and Necessities"	
	09.10 – 09.30	<b>3. Prof. Hiromi Mizunaga (Shizuoka University, Japan):</b> "The Mechanism of Complementary Function in Heterogeneous Canopy Structure"	
	09.30 – 09.50	<b>4. Prof. Hazandy Abdul Hamid (University Putra Malaysia, Malaysia):</b> "The Way forward of Forest Plantation in Malaysia"	
09.50 – 10.10	<b>5. Dr. Agus Justianto (Directorate General of Sustainable Forest Management, Ministry of Environment and Forestry, Indonesia) :</b> "Sustainable Forest Management Scheme in Indonesia"		
6	<b>Invited Speaker:</b>		
	10.15 – 11.00	Room 1	Topic : <b>Agroforestry and Forest Plantation</b> Moderator : <b>Prof. Nurheni Wijayanto (IPB University)</b> 1. <b>Dr. Sonya Dewi (CIFOR-ICRAF, Indonesia)</b> 2. <b>Dr. Donald J. Mead (Lincoln University, New Zealand)</b>
	10.15 – 11.00	Room 2	Topic : <b>Biodiversity</b> Moderator : <b>Fifi Gus Dwiyantri, Ph.D (IPB University)</b> 1. <b>Prof. Iskandar Z. Siregar (IPB University)</b> 2. <b>Prof. Mamoru Kanzaki (Kyoto University, Japan)</b>
	10.15 – 11.00	Room 3	Topic : <b>Ecosystem services, Forest Biomass Energy, and Un-even Aged Silviculture</b> Moderator : <b>Dr. Prijanto Pamoengkas (IPB University)</b> 1. <b>Prof. Iin P. Handayani (Murray State University, USA)</b>

			<b>2. Dr. Marinus Kristiadi Harun (FOERDIA, MOEF)</b>
	10.15 – 11.00	Room 4	Topic : <b>Forest Fire and Climate Change</b> Moderator : <b>Dr. Lailan Syaufina (IPB University)</b> <b>1. Prof. Bambang Hero Saharjo (IPB University)</b> <b>2. Dr. Hiroshi Hayasaka (Hokkaido University, Japan)</b>
	10.15 – 10.35	Room 5	Topic : <b>Forest Degradation and Rehabilitation</b> Moderator : <b>Prof. Sri Wilarso Budi R (IPB University)</b> <b>1. Prof. Dr. Mohamad Azani Alias (Universiti Putra Malaysia)</b>
	10.15 – 11.00	Room 6	Topic : <b>Non-Timber Forest Product</b> Moderator : <b>Dr. Irdika Mansur (IPB University)</b> <b>1. Dr. Supriyanto (SEAMEO BIOTROP)</b> <b>2. Dr. Surono (Indonesian Soil Research Institute)</b>
7	10.15 – 12.00	<b>Parallel Session (6 room)</b>	
8	12.00 – 13.00	<b>Break</b>	
9	13.00 – 16.00	<b>Parallel Session (Continuation) (6 room)</b>	
10	16.00 – 16.15	<b>Break</b>	
11	16.15 – 16.30	<b>Recommendation of the Conference</b>	
12	16.30 – 16.40	<b>Outstanding Student Presenter Awards (Oral and Poster)</b>	
13	16.40 – 16.45	Closing Remark by <b>Head of Silviculture Department</b>	

**PARALLEL SESSION**  
(August 24<sup>th</sup>, 2021)

Topic : Agroforestry and Forest Plantation  
 Room : 1  
 Link zoom : <https://ipb.link/room1icts2021>  
 Meeting ID : 935 7422 7967  
 Passcode : Room1icts

Time	No	Paper ID	Title	Presenter
<b>Parallel Session I</b>				
<b>Moderator: Prof. Nurheni Wijayanto (IPB University)</b>				
11.00 – 11.10	1	OAF2	Leveraging farmers capacity in sustaining livelihood from community forestry amidst Covid-19 pandemic	Gerson N. Njurumana
11.10 – 11.20	2	OAF3	Plant diversity components of agroforestry in Tanjung Botung, Village, Barumun District, Padang Lawas Regency, North Sumatra	Ridahati Rambey
11.20 – 11.30	3	OAF4	Effect of conventional peat swamp land versus mound peat swamp on the growth of pantung ( <i>Dyera lowii</i> ) plants in peat swamp land, Central Kalimantan Province	Wahyudi
11.30 – 11.40	4	OAF5	Precision agroforestry planning and productivity estimation using DEMNAS imagery data around Tahura Wan Abdul Rachman	Trio Santoso
11.40 – 11.55	Discussion			
11.55 – 12.00	Closing statement			
12.00 – 13.00	Break			
<b>Parallel Session II</b>				
<b>Moderator: Dr. Adisti Permatasari Putri Hartoyo (IPB University)</b>				
13.00 – 13.05	Preparation and opening			
13.05 – 13.15	1	OAF6	The effectiveness of biological and botanical pesticides against <i>Chionaspis</i> sp. on sandalwood ( <i>Santalum album</i> Linn) in South Central Timor Regency, East Nusa Tenggara	Heny Rianawati
13.15 – 13.25	2	OAF7	Carbon sequestration potential of pine stands ( <i>Pinus merkusii</i> Jungh et de Vriese) in the Toraja Highlands	Samuel A. Paembonan
13.25 – 13.35	3	OAF1	Cultural services of Areca nut on Sumbanese communities, Indonesia	Gerson N. Njurumana
13.35 – 13.45	4	OAF8	The economics potential of vegetation diversity in agroforestry system of buffer zone, Berbak National Park, Jambi	Nethania Aiko

13.45 – 13.55	5	OAF9	The role of rhizobacteria and eco enzyme in the growth gaharu ( <i>Aquilaria malaccensis</i> Lamk.)	Ayu Rizki Rosiana Putri
13.55 – 14.05	6	OAF10	Analytical Hierarchy Process (AHP) application in selection of plant types on the community's agroforestry land	Rahmawaty
14.05 – 14.20	Discussion			
14.20 – 14.25	Closing statement			
<b>Parallel Session III</b> <b>Moderator: Andi Sukendro (IPB University)</b>				
14.25 – 14.30	Preparation and opening			
14.30 – 14.40	1	OAF11	Identification and disease severity of dieback disease on sengon seedling in Persemaian Permanen Dramaga Bogor	Bryan Adha Arsalan
14.40 – 14.50	2	OAF12	Incidence attacks of coffee ( <i>Coffea arabica</i> L.) pest on agroforestry systems in Liquica Regency, Timor Leste	Agostinho Marques
14.50 – 15.00	3	OAF13	Effect of endophytic fungi inoculation and ecoenzyme on the growth of Gmelina ( <i>Gmelina arborea</i> (Roxb.)) seedlings	Kintan Maulidya Nurjaman
15.00 – 15.10	4	OAF14	Response of <i>Ficus variegata</i> seedling size on their early growth in the field	Reni Setyo Wahyuningtyas
15.10 – 15.20	5	OAF15	Systematic review: entomopathogenic fungi as biological agents in controlling forest plant pest	Tiara alфина
15.20 – 15.35	Discussion			
15.35 – 15.40	Closing statement			

**Topic** : Biodiversity  
**Room** : 2  
**Link zoom** : <https://ipb.link/room2icts2021>  
**Meeting ID** : 964 3225 2125  
**Passcode** : Room2icts

Time	No	Paper ID	Title	Presenter
<b>Parallel Session I</b>				
<b>Moderator: Fifi Gus Dwiyanti, Ph.D (IPB University)</b>				
11.00 – 11.10	1	OBD2	Flora composition and diversity in Mount Sibela Educational Forest, South Halmahera, North Maluku	Laswi Irmayanti
11.10 – 11.20	2	OBD3	Diversity and distribution of fig ( <i>Ficus</i> spp.) in University of Sumatera Utara (USU) green space	Arida Susilowati
11.20 – 11.30	3	OBD4	Morphological characteristics and abundance of red meranti ( <i>Shorea platyclados</i> ) in Martelu Purba natural reserves	Ahmad Baiquni Rangkuti
11.30 – 11.40	4	OBD5	Correlation of vegetation composition and diversity with distance from canals	Sinta Haryati Silviana
11.40 – 11.50	5	PBD1	Diversity soil surface insects in three types land use in Sintang District, West Kalimantan	Famila Juniarti
11.50 – 12.05	Discussion			
12.05 – 12.10	Closing statement			
12.10 – 13.00	Break			
<b>Parallel Session II</b>				
<b>Moderator: Dr. Muhammad Alam Firmansyah (IPB University)</b>				
13.00 – 13.05	Preparation and opening			
13.05 – 13.15	1	OBD7	Inventory and diversity of dragonfly species (Odonata) in the Kuningan Resort of Mount Ciremai National Park West Java Province	Zainal Muttaqin
13.15 – 13.25	2	OBD1	Diversity of termite species at various altitudes in the secondary forest of Kapuas Hulu regency, West Kalimantan, Indonesia	Yuliati Indrayani
13.25 – 13.35	3	OBD6	Tree health analysis for five families in Bogor Botanical Gardens	Elis Nina Herliyana
13.35 – 13.45	4	OBD8	Wildlife camera trapping : estimating the abundance of Sumatran Tiger's Prey in Way Kambas National Park	Ken Dara Cita
13.45 – 13.55	5	OBD9	Conservation strategy of native seedlings in Kalimantan to achieve sustainable forests in Indonesia	Mohamad suheri

13.55 – 14.05	6	OBD10	Simple sequence repeats (SSRs) mining and marker development from <i>Leucaena leucocephala</i> root transcriptome	Hasyyati Shabrina
14.05 – 14.15	7	OBD16	Pathogenicity and growth test of sengon ( <i>Falcataria moluccana</i> ) seed-borne endophytic fungus	Dhea amelia
14.15 – 14.30	Discussion			
14.30 – 14.35	Closing statement			
<b>Parallel Session III</b> <b>Moderator: Dr. Elis Nina Herliyana (IPB University)</b>				
14.35 – 14.40	Preparation and opening			
14.40 – 14.50	1	OBD11	Biofunction of cytochrome P450 on fungal: a review	Riski Ambar Pratiwi
14.50 – 15.00	2	OBD12	Influence of leaf number, root trait, and cutting size in vegetative propagation of <i>Aquilaria cumingiana</i> [Decne] Rid	Albert A. Piñon
15.00 – 15.10	3	OBD13	Development of microsatellite markers of <i>Castanopsis costata</i> (Blume) A. DC. from long read sequencing data	Deden Derajat Matra
15.10 – 15.20	4	OBD14	Phylogeny of camphor tree ( <i>Dryobalanops aromatica</i> ) assessed by a specific region psbE identified from long-read sequences	Fifi Gus Dwiyantri
15.20 – 15.30	5	OBD15	Phylogenetic study of chloroplast genomes of <i>Gyrinops versteegii</i> (Gilg.) Domke, the agarwood-producing tree from Indonesia	Hartati
15.30 – 15.40	6	OBD17	In vitro biological control of fungus <i>Botryodiplodia</i> sp. using biopesticide	Ananda Rizky Septyan
15.40 – 15.55	Discussion			
15.55 – 16.00	Closing statement			

**Topic** : Ecosystem Services, Forest Biomass Energy, and Un-even Age Silviculture  
**Room** : 3  
**Link zoom** : <https://ipb.link/room3icts2021>  
**Meeting ID** : 924 6695 0328  
**Passcode** : Room3icts

Time	No	Paper ID	Title	Presenter
<b>Parallel Session I (Ecosystem services)</b> <b>Moderator: Dr. Prijanto Pamoengkas (IPB University)</b>				
11.00 – 11.10	1	OES1	The role of forests for communities in promoting physical and mental health	Verda Emmelinda Satyawan
11.10 – 11.20	2	OES2	Detection of urban forest change in Jabodetabek Megacity using Sentinel 2 and Landsat 8 imagery through Google Earth Engine cloud computing platform	Aulia Ranti
11.20 – 11.30	3	OES3	Estimation of above ground biomass <i>Shorea</i> spp. using allometric models	Siti Latifah
11.30 – 11.40	4	OES4	Subak, a nature-based solutions evidence from Indonesia	Rosniati Apriani Risna
11.40 – 11.50	5	OES6	Spread and conditions of growing places for pine shrimp ( <i>Casuarina equisetifolia</i> L.) in the Lombang Beach Area, Sumenep Regency, Madura	Lailatus Sa'adah
11.50 – 12.05	Discussion			
12.05 – 12.10	Closing statement			
12.10 – 13.00	Break			
<b>Parallel Session II (Forest Biomass Energy)</b> <b>Moderator: Dr. Noor Farikhakh Haneda (IPB University)</b>				
13.00 – 13.05	Preparation and opening			
13.05 – 13.15	1	OFB1	Characteristics of biochar particle size from young coconut waste as ameliorant	Arestha Leo Lita
13.15 – 13.25	2	OFB2	Effect of methods on characteristics of biochar from young coconut waste as ameliorant	Amsar Maulana
13.25 – 13.35	3	OFB3	Characteristics of biochar methods from bamboo as ameliorant	Herviyanti
13.35 – 13.45	4	OFB4	Energy forest plantation development as a solution for forest disturbance and renewable energy in Timor Leste	Eduardo Fernando Martins de Carvalho
13.45 – 14.00	Discussion			
14.00 – 14.05	Closing statement			
<b>Parallel Session III (Ecosystem Services and Un-even Age Silviculture)</b> <b>Moderator: Dr. Diana Emang (Universiti Putra Malaysia)</b>				
14.05 – 14.10	Preparation and opening			

14.10 – 14.20	1	OES5	Lignocellulolytic enzyme potential of Dark Septate Endophyte (DSE) from <i>Pinus merkusii</i> Roots in Dramaga Bogor Indonesia	Jumadil Akhir
14.20 – 14.30	2	OES7	Forest carbon stock assessment in Eastern Mekong Landscape of Cambodia	Sopheak
14.30 – 14.40	3	OUE2	Individual and stand biometric characteristics of the <i>Hopea</i> sp. on mixed lowland tropical forest in Labanan East Kalimantan	Farida Herry Susanty
14.40 – 14.50	4	OUE1	How the growth of natural forests meets Indonesia's demand for wood for construction and household furniture?	Lutfy Abdulah
14.50 – 15.00	5	OUE3	Analysis of growth and vitality class of Ulin ( <i>Eusideroxylon zwageri</i> T. et B.) on Sempaja Arboretum East Kalimantan	Farida Herry Susanty
15.00 – 15.10	6	PUE1	Proliferation and acclimatization of mutant teak irradiated by gamma ray	Ahmad Parlaongan
15.10 – 15.20	7	PUE2	An approach for developing Situ Pèngghir Sèrèng Ecotourism in Pasongsongan Village, Sumenep Regency, East Java	Syarifah N Firrasyida
15.20 – 15.35	Discussion			
15.35 – 15.40	Closing statement			



**Topic** : Forest Fire and Climate Change  
**Room** : 4  
**Link zoom** : <https://ipb.link/room4icts2021>  
**Meeting ID** : 992 8643 3119  
**Passcode** : Room4icts

Time	No	Paper ID	Title	Presenter
<b>Parallel Session I</b>				
<b>Moderator: Dr. Lailan Syaufina (IPB University)</b>				
11.00 – 11.10	1	OFC5	Estimation of greenhouse gas emissions in the savanna area in East Sumba Regency, East Nusa Tenggara Province	Kania Gita Lestari
11.10 – 11.20	2	OFC2	Lesson learned from the 2019 el-nino peatland fire in the village of Tumbang Nusa, Indonesia	Acep Akbar
11.20 – 11.30	3	OFC3	Gunung Babaris forest biophysical model for predicting carbon potential	Ahmad Jauhari
11.30 – 11.40	4	OFC1	Fire severity assessment using Sentinel-2 Imagery for Siak peatland area, Riau Province	Fakhri Sukma Afina
11.40 – 11.55	Discussion			
11.55 – 12.00	Closing statement			
12.00 – 13.00	Break			
<b>Parallel Session II</b>				
<b>Moderator: Dr. Erianto Indra Putra (IPB University)</b>				
13.00 – 13.05	Preparation and opening			
13.05 – 13.15	1	OFC4	The chemical properties of burnt peat soil in Teluk Bakung Village, West Kalimantan	Citra Septriantri Putri
13.15 – 13.25	2	OFC6	Hotspot analysis in 2015 and 2019 at Ogan Komering Ilir District South Sumatera Province	Farah Sabina Hadiyani
13.25 – 13.35	3	OFC7	Analysis of the distribution of hotspot and burn area in Muaro Jambi Regency, Jambi Province	Rarafatih Ayuningrum
13.35 – 13.45	4	OFC8	Hotspot distribution pattern as an indicator of forest and land fires in Palangka Raya District.	Ise Afifah
13.45 – 13.55	5	OFC9	Impact of water management on sago plantation in tropical peatland	Dr. Eng. Sigit Sutikno
13.55 – 14.05	6	OFC13	Assessing severity of forest fire in Sungai Buluh Protected Peat Forest, Jambi	Almi Ramadhi
14.05 – 14.20	Discussion			
14.20 – 14.25	Closing statement			
<b>Parallel Session III</b>				
<b>Moderator: Dr. Siti Nurhidayu Abu Bakar (Universiti Putra Malaysia)</b>				
14.25 – 14.30	Preparation and opening			

14.30 – 14.40	1	OFC11	Mapping wildland fuels for fire management in Berbak and Sembilang National Park across multiple scales: Integrating remote sensing, GIS, and biophysical modeling	Andita Minda Mora
14.40 – 14.50	2	OFC12	Peat fire risk assessment in Central Kalimantan, Indonesia using the Standardized Precipitation Index (SPI)	Dinda Aisyah Fadhillah Hafni
14.50 – 15.00	3	OFC10	Spatial and temporal analysis of peat fire and water balance in Riau, Indonesia	Dr. Eng. Sigit Sutikno
15.00 – 15.10	4	OFC14	The high potential of peatland fires management for GHG emissions reduction in Indonesia	Bambang Hero Saharjo
15.10 – 15.20	5	PFC1	Effects of carbon dioxide enrichment on selected soil properties at Tekam Forest Reserve, Malaysia	Rozita Ahmad
15.20 – 15.35	Discussion			
15.35 – 15.40	Closing statement			

**Topic** : Forest Degradation and Rehabilitation  
**Room** : 5  
**Link zoom** : <https://ipb.link/room5icts2021>  
**Meeting ID** : 934 0118 2258  
**Passcode** : Room5icts

Time	No	Paper ID	Title	Presenter
<b>Parallel Session I</b>				
<b>Moderator: Prof. Sri Wilarso Budi R (IPB University)</b>				
10.40 – 10.50	1	OFR1	The relationship between landslide vulnerability level and critical land in Dairi Regency North Sumatera Province, Indonesia	Achmad Siddik Thoha
10.50 – 11.00	2	OFR8	Ex-situ conservation and diversity index of greened ex-tin mine	Dr. Ang Lai Hoe
11.00 – 11.10	3	OFR6	The role of mycosilvi and silvicultural treatment towards the growth of <i>Albizia chinensis</i> on ex-silica mining land of ex. PT. Holcim Indonesia Tbk. Sukabumi	Nanang Sahara
11.10 – 11.20	4	OFR21	Detection and monitor forest degradation and rehabilitation in the Upper Ciliwung watershed using Landsat Tree Cover data	Hildanus
11.20 – 11.30	5	OFR3	Accelerating rehabilitation in the landslide-impacted area with use of mycorrhizal biopots	Retno Prayudyaningsih
11.30 – 11.45	Discussion			
11.45 – 11.50	Closing statement			
11.50 – 13.00	Break			
<b>Parallel Session II</b>				
<b>Moderator: Dr. Cahyo Wibowo (IPB University)</b>				
13.00 – 13.05	Preparation and opening			
13.05 – 13.15	1	OFR4	Impact of revegetation on post-mining land in indonesia (study of literature)	Kania Gita Lestari
13.15 – 13.25	2	OFR7	Defining indicators to measure risks of mangrove ecosystem in tropical region: Case study Indonesia	Raden Eliasar Prabowo Tjahjono
13.25 – 13.35	3	OFR5	Seedball coating material formulation to enhance germination and growth of fruit and forest seeds	Salma Zubaidah
13.35 – 13.45	4	OFR9	Growth index of indigenous tree species in urban planting	Dr. Ang Lai Hoe
13.45 – 13.55	5	OFR10	Pathogenicity test of fungal leaf blight on sengon seedlings at permanent nursery Dramaga Bogor	Ikhwan Shodiq Syifaudin

13.55 – 14.05	6	OFR15	The survival and growth of Lonkida ( <i>Nauclea orientalis</i> L.) seedlings on media contaminated with acid mine drainage	Irdika Mansur
14.05 – 14.20	Discussion			
14.20 – 14.25	Closing statement			
<b>Parallel Session III</b> <b>Moderator: Dr. Omo Rusdiana (IPB University)</b>				
14.25 – 14.30	Preparation and opening			
14.30 – 14.40	1	OFR2	Directive of mangrove rehabilitation plan in Karawang District, West Java	Aswin Rahadian
14.40 – 14.50	2	OFR11	In situ conservation efforts of kilemo ( <i>Litsea cubeba</i> L. Persoon) in Dieng Plateau	Yetti Heryati
14.50 – 15.00	3	OFR12	The infiltration capacity and rate at the grass, building yard and green open space areas of Universitas Gadjah Mada Campus	Ambar Kusumandari
15.00 – 15.10	4	OFR13	Rehabilitation technique in degraded forestland using <i>Shorea leprosula</i> cuttings: study on production potential and biomass accumulation	Ika Heriansyah
15.10 – 15.20	5	OFR14	Retaining selective logging concessions from forest degradation and deforestation in the Papuan lowland forests	Yosias Gandhi
15.20 – 15.30	6	PFR1	Physiological performance of indigenous tree species for rehabilitation of degraded forest in Janda Baik, Malaysia	Wai Mun HO
15.30 – 15.45	Discussion			
15.45 – 15.50	Closing statement			

**Topic** : Non-Timber Forest Product  
**Room** : 6  
**Link zoom** : <https://ipb.link/room6icts2021>  
**Meeting ID** : 994 1348 4041  
**Passcode** : Room6icts

Time	No	Paper ID	Title	Presenter
<b>Parallel Session I</b>				
<b>Moderator: Dr. Irdika Mansur (IPB University)</b>				
11.00 – 11.10	1	ONT2	Chemical components of different parts of <i>Strychnos ligustrina</i> , a medicinal plant from Indonesia	Anita Apriliani Dwi Rahayu
11.10 – 11.20	2	ONT3	Analysis stock and derived bamboo product in Berastagi, Kabanjahe and Tiga Panah sub district, North Sumatera-Indonesia	Samsuri
11.20 – 11.30	3	ONT4	The effect of refining time and kettle pressure on the oil yield and cineole content of <i>Melaleuca leucadendron</i> Linn	Arga Pramudita
11.30 – 11.40	4	ONT6	Bogor accession drumstick tree produce the best yield in the wet lowlands	Juang Gema Kartika
11.40 – 11.55	Discussion			
11.55 – 12.00	Closing statement			
12.00 – 13.00	Break			
<b>Parallel Session II</b>				
<b>Moderator: Assoc. Prof. Dr. Norizah Kamarudin (Universiti Putra Malaysia)</b>				
13.00 – 13.05	Preparation and opening			
13.05 – 13.15	1	ONT1	Propagation of bajakah and akar kuning to support bioprospecting of traditional medicine from peat swamp forests: Prospects and challenges	Hesti Lestari Tata
13.15 – 13.25	2	ONT5	Rattan: its role for food-alternative of the community near the peatland areas in Central Kalimantan	Rizki Ary Fambayun
13.25 – 13.35	3	ONT7	Bogor accession <i>Pleocnemia irregularis</i> characteriation and nitrate content	Juang Gema Kartika
13.35 – 13.45	4	ONT8	Empty palm oil bunches as a growing media for white oyster mushroom ( <i>Pleurotus ostreatus</i> )	Ira Taskirawati
13.45 – 13.55	5	ONT9	The impact of topography and planting distance on the growth of <i>Lygodium circinnatum</i> seedlings at Pasir Hantap, West Java, Indonesia	Diana Prameswari
13.55 – 14.05	6	ONT17	Effect of plant growth-promoting rhizobacteria and bionanomaterial membrane applications to chemical properties of peat soils	Nurhafifah

14.05 – 14.20	Discussion		
14.20 – 14.25	Closing statement		
<b>Parallel Session III</b>			
<b>Moderator: Lufthi Rusniarsyah (IPB University)</b>			
14.25 – 14.30	Preparation and opening		
14.30 – 14.35	1	ONT16	Response of kayu putih ( <i>Melaleuca cajuputi</i> (L.) Powell) seedlings grown on ultisol soil amended with nickle slag and compost
14.35 – 14.45	2	ONT10	Assessment of reduced impact logging technique at different logging intensity
14.45 – 14.55	3	ONT18	Germination test of two different types of seed to accelerate reclamation and rehabilitation of ex-limestone mining land
14.55 – 15.05	4	ONT19	Growth response of three forest seedlings under iron exposure
15.05 – 15.15	5	ONT20	Potential of <i>Shorea roxburghii</i> as an important species for greening of an ex-mining land in Klian Intan, Upper Perak
15.15 – 15.25	6	ONT11	Cultivation of white oyster mushroom ( <i>Pleurotus ostreatus</i> ) on some lignocelluloses materials
15.25 – 15.40	Discussion		
15.40 – 15.45	Closing statement		



# RECEIPT

**Billed to : Wahjuni Hartati**

**Date : 10 Agustus 2021**

3<sup>rd</sup> International Conference on Tropical Silviculture 2021 :  
Inspiring Silviculture Innovation and Research  
in Achieving Sustainable Development Goals  
IPB University

No	Description	Qty	Registration Type	Unit Price (IDR)	Amount (IDR)
1	Registration fee for 3rd International Conference on Tropical Silviculture 2021	1	National Participant	200.000,-	200.000,-
				<b>Total (IDR)</b>	<b>200.000,-</b>

Sincerely yours,

A handwritten signature in black ink, appearing to read "Ati Dwi Nurhayati".

Ati Dwi Nurhayati, M.Si  
Account Officer