

## PROGRAM SCHEDULE

<b>e</b>	<b>Agenda</b>	<b>Room</b>
07:30-08:30	Registration	IICC Ballroom lobby
	<b>Opening Ceremony and Plenary Session</b>	
08:45-08:50	Opening and greeting (MC)	
08:50-09:00	Report from Chair of Organizing Committee	IICC Ballroom
09:00-09:15	Welcome Speech from Rector of IPB University	
<b>09:15-09:30</b>	<b>Coffee break</b>	<b>IICC Hall</b>
09:30-10:00	Keynote Speech (1) from Indonesian Minister of Environmental and Forestry	
10:00-10:15	Keynote Speech (2) from Head of Meteorological, Climatological and Geophysical Agency	IICC Ballroom
10:15-10:30	Keynote Speech (3) from Head of Geospatial Information Agency	
10:30-10:40	<b>Move to parallel session's room</b>	
	<b>Parallel Session (Invited Speakers)</b>	
10:40-11:00	Sub theme A: Environmental Policy and Management - <b>Dr. Ir. Soeryo Adiwibowo, MS</b> (IPB University, Indonesia)	IICC Ballroom
	Sub theme B: Environmental Pollution - <b>Prof. Sakakibara Masayuki</b> (Research Institute for Humanity and Nature/RIHN, Japan)	Meeting Room A
	Sub theme C: Natural Disasters - <b>Dr.Eng. Imam Achmad Sadisun, ST, MT</b> (Bandung Institute of Technology, Indonesia)	Meeting Room B
	Sub theme D: Biodiversity - <b>Dr. Seca Gandaseca</b> (Universiti Putra Malaysia, Malaysia)	Meeting Room C
	Sub theme E: Ecotourism - <b>Ariya Aruninta, PhD</b> (Chulalongkorn University, Thailand)	Meeting Room D
	Sub theme F: Environmental Economics - <b>Prof. Dr. Ir. Akhmad Fauzi, MSc</b> (IPB University, Indonesia)	Meeting Room E
	Sub theme G: Natural Resources - <b>Dr. Carina Moura</b> (Georg-August-Universität Göttingen, Germany)	Meeting Room F
11:00-12:30	<b>Paralel Sesion I</b>	Ballroom-Meeting Room A, B, C, D, E, F
<b>12:30-13:30</b>	<b>Lunch Break</b>	<b>IICC Hall</b>
13:30-15:30	<b>Paralel Sesion II</b>	Ballroom-Meeting Room A, B, C, D, E, F
<b>15:30-16:00</b>	<b>Coffee Break</b>	<b>IICC Hall</b>
16:00-17:00	<b>Paralel Sesion III</b>	Ballroom-Meeting Room A, B, C, D, E, F
<b>17:00-17:30</b>	<b>Closing</b>	<b>IICC Ballroom</b>

## Parallel Session 1

Time (WIB)	Agenda	Room
	<b>Sub-theme A; Moderator: M. Yanuar J.P. and M. Nur Aidi</b>	
11:00-12:30	<p>1. H.K. Aliyu, R.A. Olawepo, <b>M. Sheriffdeen</b>: <i>Climate change information for farmers in Nigeria; what challenges do women face?</i></p> <p>2. Perdinan, <b>R.E.P. Tjahjono</b>, D. Purwanti, L.V. Gunawan, F.N. Nadhifah: <i>Combining simulation model and field observation in understanding crop productivity to climate change</i></p> <p>3. <b>T. Wijaya</b>: <i>Monitoring And Climatic Data Use For Rubber Plantation Management</i></p> <p>4. <b>N. Santoso</b>, Sutopo, R.P. Nugraha: <i>Analysis of Sustainability Ecosystem Mangrove Management in Pangkah Wetan and PangkahKulon Villages Area, Ujungpangkah District, Gresik Regency, East Java Province</i></p> <p>5. <b>A. Rahadian</b>, F. Leilan, I.N. Arafat, T.A. Lestari: <i>Ecosystem mangrove management in urban area: case study mangrove kali adem Jakarta Indonesia</i></p> <p>6. <b>A. Fuad</b>, S. Mulatsih, H. Purnamawati: <i>Analysis of carrying capacity of agricultural land in supporting sustainable food self-sufficiency in Tegal Regency</i></p>	Ballroom
	<b>Sub-theme B; Moderator: Zaenal Abidin and Liyantono</b>	
11:00-12:30	<p>1. <b>Y. Munandar</b> <i>The development of households sanitation in Indonesia: Year of 2010-2018</i></p> <p>2. <b>N. Sofyan</b>, I. Wientarsih, A. Ismail: <i>Analysis of blood lead levels at Terminal Kampung Rambutan due to motor vehicle activities</i></p> <p>3. <b>R.Y. Sandi</b>, I. Garniwa, T.H. Panjaitan, D. M. Pratiwi: <i>Building energi efficiency and conservation on air conditioning loads (Case study residential and building development information center)</i></p> <p>4. <b>A.S. Danasa</b>, T.E.B. Soesilo, D.N. Martono, A. Sodri: <i>Social, economic, and environment analysis from the worst case of ammonia release</i></p> <p>5. D.M. Pratiwi, S.W. Utomo, <b>Sudarna</b>: <i>Chemical plant in the downtown: study of ammonia release causative factor and its negative impact towards workers and communities at XYZ fertilizer factory</i></p> <p>6. <b>Achmad Gus Fahmi</b>, Zainal Abdidin, Cecep Kusmana, Wahyu Rizki Rahmawati: <i>Synthesis activated carbon in low temperature as methylene blue adsorbent</i></p>	Meeting Room A
	<b>Sub-theme C; Moderator: Sri Mulatsih and Fifi Gus Dwiyanti</b>	
11:00-12:30	<p>1. <b>H. Agusta</b>, G.C. Handoyo: <i>Thermal spectrum characteristics of blue light flare irradiation and its impact on surroundings biotic and abiotic environment</i></p> <p>2. <b>M.A. Khafid</b>: <i>Correlation analysis of the impact of land cover change and ratio vehicles on the dynamic of land surface temperature: Case Studies of Cirebon City, Province of West Java</i></p> <p>3. <b>S.L. Munajati</b>, H. Kartodihardjo, M.B. Saleh, Nurwadjedi: <i>Sensitivity analysis of ecosystem services due to the dynamics of land use changes in Bogor Regency, West Java, Indonesia</i></p>	Meeting Room B

Time (WIB)	Agenda	Room
	<p>4. <b>W.C. Adinugroho</b>, L.B. Prasetyo, C. Kusmana, H. Krisnawati: <i>Contribution of forest degradation in Indonesia's GHG emissions profile and opportunity to improve its estimation accuracy</i></p> <p>5. <b>A.S. Pambudi</b>, S.S. Moersidik: <i>Conservation direction based on estimation of erosion in lesti sub-watershed, Malang Regency</i></p> <p>6. <b>L.M. Rachman</b>, H.H. Bayu, D.P.T. Baskoro: <i>The effect of tin mining on soil damage in Pedindang Sub-Watershed, Central Bangka Regency</i></p>	
	<b>Sub-theme D; Moderator: Lina Karlitasari/Cecep Kusmana and Yudi Setiawan</b>	
11:00-12:30	<p>1. <b>A. Bonita</b>, C. Kusmana: <i>Mangrove forest rehabilitation in Ciletuh Coast, Sukabumi, West Java</i></p> <p>2. <b>A. Mardiastuti</b>, Y.A. Mulyani, M. Hasan, A. Kaban: <i>Is forest remnants able to support bird community?: case in tropical lowland forest of West Java, Indonesia</i></p> <p>3. <b>A. Daulay</b>: <i>Analysis on work plan of jambi provincial commission of genetic resources to develop plant genetic resources</i></p> <p>4. A.T.S. Awaliah, <b>B.S. Dewi</b>, G.D. Winarno, S.P. Harianto, N. Tokita: <i>Daily behavior Sumatran Rhinoceros (<i>Dicerorhinus sumatrensis</i>) in Sumatran Rhino Sanctuary Way Kambas National Park</i></p> <p>5. <b>C. Kusmana</b>, I. Suwandhi: <i>Diversity of plant species and the presence of invasive alien species (IAS) in the sub-montane forest at Pakenjeng Region</i></p> <p>6. <b>D. Hutapea</b>, I.B. Rahardjo, B. Marwoto: <i>Abundance and diversity of natural enemies related to Chrysanthemum Aphid suppression with botanical insecticides</i></p>	<b>Meeting Room C</b>
	<b>Sub-theme E; Moderator: Hadi Susilo Arifin and Syartinilia</b>	
11:00-12:30	<p>1. <b>A. Suheri</b>, C. Kusmana, M. Yanuar J.P., Y. Setiawan: <i>Peak Runoff Model Base on Land Use Existing and Masterplan Sentul City</i></p> <p>2. P. Hutagaol, <b>D. Tanjung</b>: <i>Analysis of potential social conflicts in ecotourism development in the lake Toba Region, North Sumatra</i></p> <p>3. <b>D. Wulansari</b>, L. Karlitasari, M. Ekayani: <i>Potential utilization of food waste in warung makan</i></p> <p>4. <b>D. Nugraha</b>, H.S. Alikodra, C. Kusmana, Y. Setiawan: <i>Ecotourism land suitability based on various criteria weighting method</i></p> <p>5. <b>D. Rimantho</b>, N.Y. Hidayah, A. Herzanita: <i>Analysis of risk failure of solid waste management processes in universities: Case Study of Pancasila University Jakarta</i></p> <p>6. <b>E. Wisnubroto</b>, E. Rustiadi, A. Fauzi, K. Murtilaksono: <i>The dynamic changes in peri-urban agricultural area and multi-function adaptation of agriculture area in Batu City, Indonesia</i></p>	<b>Meeting Room D</b>
	<b>Sub-theme F; Moderator: Yeti Lis Purnamadewii and Pipin Noviaty Sadikin</b>	
11:00-12:30	<p>1. <b>A. Rumambi</b>, W.B. Kaunang, C.J. Pontoh, E.S. Tangkere: <i>Production and carrying capacity of super 1 sorghum given different level of chicken manure</i></p>	<b>Meeting Room E</b>

Time (WIB)	Agenda	Room
	<p>2. <b>A. Sulistyaningrum</b>, Hardiyanto, Y. Hilman, Puspitasari, Y. Sastro, N.F. Devy: <i>Acceleration of dissemination of mandarin citrus (CV. Batu 55) superior variety in supporting import substitution</i></p> <p>3. <b>E. Nining</b>, R. Syarief, Machfud, Sobir, Z.A. Mas'ud: <i>Factors that influence on behavior of shallot farmers in the use of pesticides in Brebes Regency-Central Java-Indonesia</i></p> <p>4. <b>I. Mucharam</b>, E. Rustiadi, A. Fauzi, Harianti: <i>Development of sustainable agricultural indicators at provincial levels in Indonesia: Case studies on rice</i></p> <p>5. <b>K. Munibah</b>, B. Barus, B. Tjahjono, T. Mandalika: <i>Detailed mapping of the paddy field ownership and their relation to rice farming</i></p> <p>6. <b>M.F. Widhagdha</b>, W. Purwanto, I.A.R. Agustin, D.M. Haryanto: <i>Creating Economic Value from Mangrove Ecosystem Conservation</i></p>	
	<b>Sub-theme G; Moderator: Erliza Noor, Widiatmaka and Andrea Emma P</b>	
11:00-12:30	<p>1. <b>A.B.S. Noor</b>, R. Hidayat, Perdinan: <i>The analysis of skin surface temperature and water vapor on volcanic eruption (case study: Mt. Kelud)</i></p> <p>2. <b>A. Kusumandari</b>, P.A.R. Marpaung: <i>The reduction of infiltration capacity at various tourist attraction areas in Wanagama I Education Forest</i></p> <p>3. <b>D. Natasasmita</b>, L.P. Soede, I.G. Mahendra, W. Rizki: <i>Marine Mammals Interactions With Tuna Fishing Activities In Indonesian Seas</i></p> <p>4. <b>E. Purnomo</b>, S. Argarini, T.S. Wahyudiningsih: <i>Maintaining the Sustainability of Fertile Agricultural Soil Using Bamboo Biochar in Tropical Volcano Area</i></p> <p>5. <b>F. Alfaumi</b>, O.S. Hakim, R.C. Dewi, A. Khaerima: <i>Analysis the Effect of MJO on Increasing Wave Height using Data Mining Classification Techniques in East Java Waters</i></p> <p>6. <b>Haryadi</b>, A.S. Mahulette, S. Yahya, A. Wachjar: <i>Measuring the potential of biomass, carbon storage, and carbon sink of forest clovers</i></p>	Meeting Room F

## Paralel Session 2

Time (WIB)	Agenda	Room
	<b>Sub-theme A; Moderator: M. Yanuar J.P. and M. Nur Aidi</b>	
13:30-15:30	<p>7. <b>I. Firmansyah</b>, Widiatmaka, B. Pramudya, S. Budiharsono: <i>Dynamic Model of Paddy Field Conversion Control in Citarum Watershed</i></p> <p>8. A. Salim, S. Hidayat, <b>R. Wulandari</b>, C.D. Pratama, S.N. Ichwani: <i>A Green Scenario for Sustainable Landscape Planning: The Case Study in Sintang Regency, West Kalimantan Province</i></p> <p>9. <b>D.A.P. Baskoro</b>, M.Y.J. Purwanto, M. Solahudin, N.H. Panjaitan, A. Hermawan, E. Alfin: <i>Water Allocation Model For Bekasi City Area</i></p> <p>10. <b>A. Mutolib</b>, Mahdi, Yonariza: <i>Natural Rubber Price Decline, And Forest Clearing Up For Oil Palm Plantation: A Case Study In Dharmasraya District, West Sumatra, Indonesia</i></p> <p>11. <b>W. Lestari</b>: <i>The Role And Effort Of Jambi Research And Development Board To Preserve Genetic Resources In Jambi Province</i></p> <p>12. <b>E. Hermawan</b>, M.R. Ridho, M. Yazid, Hariyadi: <i>Effectivity and Efficiency of Environmental Management and Monitoring by Private Sector (EEEMMPS) in South Sumatra</i></p> <p>13. <b>Rahmawaty</b>, Perdinan, N.W.S.P. Dewi, H. Kurniawan: <i>Integrated approach in determining priority environmental issues in Medan City North Sumatra Province</i></p> <p>14. <b>F. Purbantoro</b>, M. Siregar: <i>Design of Net Zero Energy Building (NZEB) for Existing Building In Jakarta</i></p>	Ballroom
	<b>Sub-theme B; Moderator: Zaenal Abidin and Liyantono</b>	
13:30-15:30	<p>7. <b>D. Widasari</b>, I.S. Fatimah, N. Nasrullah: <i>Distribution of Noise On Residential Area (Case Study: Residential Area That Close To Jagorawi Highway And Pandu Road In Bogor City)</i></p> <p>8. <b>Iskandar</b>, Darmawan, U. Sudadi, B. Mulyanto: <i>Ambient Concentration of Soil Heavy Metals in Indonesian Tertiary and Quaternary Geologic Formations: Anexplorative Study</i></p> <p>9. <b>A.S. Hasdam</b>, Hasim, A. Sulaeman, M.H. Machfoed, M. Santoso: <i>The influence of heavy metal levels on autism case in Bontang and Samarinda City</i></p> <p>10. <b>R. Pramulya</b>, T. Bantacut, E. Noor, M. Yani: <i>Material Flow Analysis for Energy and Organic Fertilizer Potential in Coffee Production</i></p> <p>11. I.P.E. Putra, <b>R. Hidayat</b>, F.H. Pasaribu, A.A. Amin, S. Mulatsih: <i>Isolation and Identification of Bacteria on Soil Sample in Sekolah Peternakan Rakyat (SPR) Cikolelet Village, Cinangka District, Serang Regency, Banten</i></p> <p>12. <b>I.G.K. Adiputra</b>, I.W. Winaja, I.M. Sumarya: <i>Vegetative growth of vanilla cuttings after addition of weed clippings mulch under 2 climatic condition, wet and dry seasons</i></p> <p>13. <b>B.P. Mahardhika</b>, R. Mutia, M. Ridla: <i>Efforts to reduce ammonia gas in broiler chicken litter with the use of probiotic</i></p> <p>14. <b>D. Kharisma</b>, Z. Abidin, C. Kusmana: <i>Adsorption of Methylene Blue onto a Low-Cost and Environmenta Friendly Goethite</i></p>	Meeting Room A
	<b>Sub-theme C; Moderator: Sri Mulatsih and Fifi Gus Dwiyanti</b>	
13:30-15:30	7. <b>V. Mar'atusholikha</b> , Widiatmaka, I. Firmansyah: <i>Sustainability of Garlic Cultivation at Tegal Regency, Central Java</i>	Meeting Room B

Time (WIB)	Agenda	Room
	<p>8. <b>A. Rahadiati</b>, Y. Prihanto, E. Suryanegara, A.W. Rudiastuti, I. Nahib, Nursugi: <i>Assessment of socioeconomic vulnerability of coastal community in management of floods</i></p> <p>9. <b>Sumardjo</b>, A. Firmansyah, L. Dharmawan: <i>Ecological adaptation of coastal communities based on social energy: a case of natural disasters potential on The North Coast Of West Java</i></p> <p>10. <b>A. Isnandiahening</b>, A. Mulsandi: <i>Skill Comparison of Three Different Soil Moisture Data on Numerical Weather Prediction of Very Heavy Rainfall Events using WRF Model in The Jabodetabek Region</i></p> <p>11. <b>S. Wulandari</b>, T.E.B. Soesilo, S.S. Moersidik, D. Asteria: <i>The efforts of protecting water resources by sustainable household solid waste management</i></p> <p>12. <b>L. Narieswari</b>, S.R.P. Sitorus, H. Hardjomidjojo, E.I.K. Putri: <i>Multi-dimensions urban resilience index for sustainable city</i></p> <p>13. <b>S.I. Maulana</b>, L. Syaufina, L.B. Prasetyo, M.N. Aidi: <i>Formulating peatland fires prevention strategy in Bengkalis Regency: An application of analytical hierarchy process</i></p> <p>14. <b>Turmudi</b>, B.H. Saharjo, L.B. Prasetyo, B. Tjahjono: <i>Spatial model of peatland fire control strategies through peat maturity level approach. case study of The Kepulauan Meranti District</i></p>	
	<b>Sub-theme D; Moderator: Lina KarlinaSari/Cecep Kusmana and Yudi Setiawan</b>	
13:30-15:30	<p>7. <b>D. Mulyono</b>: <i>Diversity of growth and production of several mangosteen varieties (<i>Garcinia mangostana</i> L.)</i></p> <p>8. <b>E. Hermawan</b>, Z. Zulkifli, E.W. Pradana: <i>Study on application of Spatial Monitoring And Reporting Tool (SMART) for High Conservation Value (HCV) and environment monitoring by private sector in South Sumatra</i></p> <p>9. <b>J. Jesica</b>, R. Kaswanto, H.S. Arifin: <i>The pekarangan characteristics of organic settlement and planned settlement along Ciliwung River riparian, Bogor Municipality</i></p> <p>10. <b>M. Nikmatullah</b>, D.I. Junaedi, J.R. Witono, R. Hendrian: <i>Plants Collection in The Medicinal Thematic Park, Cibodas Botanic Gardens</i></p> <p>11. <b>A. Norulhuda</b>, M.S. Nizam, D.S. Karam: <i>Influence of soil characteristics on the floristic composition and structure of the tree vegetation in Jengka Forest Reserved, Pahang State, Malaysia</i></p> <p>12. <b>R.E. Mahfiz</b>, I. Risdiyanto: <i>Evapotranspiration estimation using vegetation index and surface reflectance SWIR Landsat-8 combination on various land cover</i></p> <p>13. <b>R. Kurniati</b>, K. Yuniarto, K. Suskandari: <i>Morphological Diversity of F1 Population in Anthurium Through Conventional Breeding</i></p> <p>14. <b>S.E. Ardiyanti</b>, D. Sopandie, D. Wirnas, Trikoesoemaningtyas: <i>Performance and ratooning ability of sorghum lines (<i>Sorghum bicolor</i> (L.) Moench)</i></p>	Meeting Room C
	<b>Sub-theme E; Moderator: Hadi Susilo Arifin and Syartinilia</b>	
13:30-15:30	<p>7. <b>H. Salatnaya</b>, Widiatmaka, C. Sumantri, S. Kahoho, A.M. Fuah: <i>The growth potency of stingless bees in West Halmahera</i></p> <p>8. <b>I.K. Kariada</b>, K.D. Arsana: <i>Research implementation of appropriate eco friendly technology generation to support innovative agro tourism at central arabica coffee development of Sukasada, Buleleng Bali</i></p>	Meeting Room D

Time (WIB)	Agenda	Room
13:30-15:30	<p>9. <b>I. Taufik</b>, M.Y.J. Purwanto, B. Pramudya, S.K. Saptomo: <i>Water infrastructure planning using WEAP Model</i></p> <p>10. <b>Kristiyanto</b>: <i>Ecotourism development impacts on plant diversity in Setu Babakan Park, Jakarta Indonesia</i></p> <p>11. <b>Linayati</b>, B.D. Madusari: <i>Prevalence and Distribution of Anisakis sp worms in Internal organs of Tuna (Euthynnus affinis) at Fish Auction in Pekalongan City</i></p> <p>12. <b>Nurfaida</b>, H.S. Arifin, S.R.P. Sitorus, Eriyatno: <i>Toraja the sacred high lands: assessing scenic beauty of culture-based landscapes of North Toraja Regency</i></p> <p>13. <b>P.N. Sadikin</b>, S. Mulatsih', B. Pramudya, H.S. Arifin: <i>Dynamic model of ecotourism management in Mount Rinjani National Park</i></p> <p>14. <b>P.B. Dewangga</b>, Rochmadi, C.W. Purnomo: <i>Pyrolysis of polystyrene plastic waste using bentonit catalyst</i></p>	
	<b>Sub-theme F; Moderator: Yeti Lis Purnamadewi and Pipin Noviati Sadikin</b>	
13:30-15:30	<p>7. <b>M.I. Azmi</b>, Widiatmaka, K. Munibah: <i>Change in land use and land cover affected by light rapid transit Jakarta, corridor Cawang-Bogor</i></p> <p>8. <b>M. Asrol</b>, M. Yani, Marimin, Machfud: <i>An adaptive supply chain sustainability measurement and improvement model for sugarcane agroindustry</i></p> <p>9. <b>Pamela</b>, A. Nugraha, M. Aritonang, J.P. Hutajulu: <i>Determinants of household food waste value in Indonesia: A study case on high education level parent</i></p> <p>10. A.M. Kiloes, <b>Puspitasari</b>: <i>Farmer's behaviour in using pesticides on shallots cultivation in Solok Highlands, West Sumatera</i></p> <p>11. <b>R. Wulandari</b>, K. Murtilaksono, K. Munibah: <i>Spatial model of land use change dynamics and land use projection of Cisadane Watershed</i></p> <p>12. <b>R.S.B. Waspodo</b>, M.I. Sahana: <i>Application of linear programming for optimal use of raw water in Cidanau Watershed, Banten</i></p> <p>13. <b>S.R. Pratiwi</b>, E. Purnomo, S. Usman: <i>Economic valuation of critical land</i></p> <p>14. <b>U. Mansyur</b>, D. Priatna: <i>Sustainable markets development in Bogor Regency</i></p>	<b>Meeting Room E</b>
	<b>Sub-theme G; Moderator: Erliza Noor, Widiatmaka and Andrea Emma P</b>	
13:30-15:30	<p>7. <b>H. Ajrina</b>, I. Kustiwan: <i>From green open space to green infrastructure; the potential of green open space optimization for urban sustainability</i></p> <p>8. <b>I. Ma'ruf</b>, M.M. Kamal, A. Satria, Sulistiono: <i>Culture-based fisheries (CBF) in Rawa Lebak Lebung, South Sumatera, is it applicable?</i></p> <p>9. <b>K. Elsaaida</b>, A.M. Fauzi, I. Sailah, I.Z. Siregar: <i>Sustainability of natural dyes in Indonesia</i></p> <p>10. <b>N.V. Santi</b>, A. Mulsandi, J.A.I. Paski: <i>Improvement of numerical weather prediction of radar data assimilation using rapid update cycle method in prediction of heavy rain event in Jabodetabek Region</i></p>	<b>Meeting Room F</b>

Time (WIB)	Agenda	Room
	<p>11. <b>W.R. Saman</b>, I. Yuliasih, Sugiarto: <i>Dual Modification of Sweet Potato Crosslinking–Hydroxypropylation as Biodegradable Film Materials</i></p> <p>12. <b>Y.H. Sipahutar</b>, H.K. Ramli, M.G.E. Kristiani, D.H.G. Prabowo, M.R. Suryanto, R. Baktiar: <i>Chemical Composition Of Whiteleg Shrimp (<i>Litopenaeus Vannamei</i>) Cultivated From Intensive Farming And Traditional Farming At Bulukumba Regency, South Sulawesi</i></p> <p>13. <b>Zaitun</b>, A. Halim, S. Rahya: <i>Utilization of liquid waste from freshwater fish cultivation in bioreactors batch culture system and biochar to increase lettuce plant production (<i>Lactuca sativa L.</i>)</i></p> <p>14. <b>U. Adzka</b>, N. Nugroho, L. Karlinasari: <i>Anatomical feature of leaf sheath roystonearegia</i></p>	

### Paralel Session 3

Time (WIB)	Agenda	Room
	<b>Sub-theme A; Moderator: M. Yanuar J.P. and M. Nur Aidi</b>	
16:00-17:00	15. <b>N. Jannah</b> , I.R. Sumanto: <i>Gold PROPER; Business World Concern upon Environmental Aspect, Case Study: CSR PT Pertamina EP Asset 3 Subang Field</i> 16. <b>R.A. Hidajat</b> , S.W. Utomo, I. Garniwa, M. Karuniasa: <i>Utilization of geothermal drill cutting into brick and paving blocks for reducing drilling waste</i> 17. <b>Hendrik</b> , J.R. Pangala: <i>Study on energy consumption and CO<sub>2</sub> emissions at the national electricity company (PLN): Data Envelopment Analysis (DEA) approach for the provinces in Indonesia</i> 18. <b>I. Yulianingtyas</b> : <i>Effectiveness of ISO 14001: 2015 Implementation in Small and Medium Enterprises (Case Study: Laundry Machine Industry SMEs in Bantul Yogyakarta)</i>	Ballroom
	<b>Sub-theme B; Moderator: Zaenal Abidin and Liyantono</b>	
16:00-17:00	15. <b>V. Prajaputra</b> , Z. Abidin, Widiyatmaka, H. Rizal: <i>Balinese pumice utilization as material source for synthesis of zeolite Na-P1 and its ability to remove cationic dye</i> 16. <b>Z. Abidin</b> , N. Hidayati, S. Zega, A.G. Fahmi, W.R. Rahmawati: <i>Synthesis of Fe<sub>3</sub>O<sub>4</sub>/activated carbon composites as blue methylene and methyl orange adsorbents</i> 17. <b>F. Ramdani</b> , A. Prasetya, C.W. Purnomo: <i>Removal of pollutants from chicken slaughter house waste water using constructed wetland system</i> 18. <b>B.D. Madusari</b> : <i>Analysis of organochlorine and organophosphat residue distribution in Brebes Central Java Indonesia waters and ponds</i> 19. <b>F. Jhoner</b> : <i>Analysis of environmental damage and pollution on the quality of human life</i>	Meeting Room A
	<b>Sub-theme C; Moderator: Sri Mulatsih and Fifi Gus Dwiyanti</b>	
16:00-17:00	15. A. Pramudianto, <b>Sudaryanto</b> , S.W. Utomo, P.A. Pembudi: <i>Suitability of Agroforestry System Against Climate Conditions in Tugu Utara Village, Cisarua Sub-District, Bogor</i> 16. <b>M.A. Azka</b> : <i>Comparison of Various Data Assimilation in the WRF Model to Predict Heavy Rainfall in Jabodetabek</i> 17. <b>B. Ratnawati</b> : <i>Leachate processing system in TPA Galuga Bogor City</i>	Meeting Room B
	<b>Sub-theme D; Moderator: Lina KarlinaSari/Cecep Kusmana and Yudi Setiawan</b>	
16:00-17:00	15. <b>S. Malalantang</b> , L. Abdullah, P. Dewi M.H.K.S., I.G. Permana, Nurmahmudi: <i>Carbon sequestration and growth of several sorghum varieties as ruminant's feed</i> 16. <b>S. Laatung</b> , M. Fuah, B. Masy'ud, C. Sumantri, S. Dohong: <i>The hunting of white-tailed rat by Minahasa Tribe, North Sulawesi, Indonesia</i> 17. <b>A.E. Pravitasari</b> , A. Suhada, S.P. Mulya, E. Rustiadi, A. Murtdho, S. Wulandari, C.E. Widodo: <i>Spatial distribution pattern and rice field land depreciation trend In Serang Regency, Banten Province</i> 18. <b>M.Y.J. Purwanto</b> , D. Aria, A. Suheri, A. Susanto: <i>Water Availability Using Water Sensitive Paradigm</i>	Meeting Room C

Time (WIB)	Agenda	Room
	19. <b>A.N. Ar Rachmah:</b> <i>Life cycle assessment canned fish products at Muncar Banyuwangi, East Java</i>	
	<b>Sub-theme E; Moderator: Hadi Susilo Arifin and Syartinilia</b>	
16:00-17:00	15. <b>R.P. Wisnu</b> , M. Karuniasa, S.S. Moersidik: <i>The Effect of fish aquaculture on water quality in Lake Cilala, Bogor Regency</i> 16. <b>M. Faiz Bin Wahid</b> , S. Gandaseca, S. Nurhidayu, D. Emang: <i>Perception of conservation measures for sustainable environmental resources use in Langkawi Island, Malaysia</i> 17. <b>E. Rachmawati</b> : <i>Tourism development stakeholder role in community empowerment</i> 18. <b>M. Permana</b> : <i>Settlement development of peri urban area</i>	Meeting Room D
	<b>Sub-theme F; Moderator: Yeti Lis Purnamadewi and Pipin Noviati Sadikin</b>	
16:00-17:00	15. <b>V. Siagian</b> , H. Siregar, A. Fariyanti, K. Nainggolan: <i>Factors affected adoption of combine harvesters in Banten Province-Indonesia</i> 16. <b>Y. Sipahutar</b> , H. Rahmayanti, R. Achmad, H.K. Ramli, M.R. Suryanto, R. Baktiar: <i>Increase In The cleaner production environment in the fish processing industry through work motivation and leadership of women fishermen in Tangerang District</i> 17. <b>Y.L. Purnamadewi</b> , M.D. Orchidea, S. Mulatsih: <i>Fiscal policy &amp; environmental quality in Indonesia</i> 18. <b>M. Fatichurachman</b> : <i>Solution for lapindo mud</i> 19. <b>Y. Paramitadevi</b> : <i>Combining both end of pipe treatment and cleaner production – a case study of tofu SME in Bogor</i>	Meeting Room E
	<b>Sub-theme G; Moderator: Erliza Noor, Widiatmaka and Andrea Emma P</b>	
16:00-17:00	15. <b>A.B.S. Noor</b> : <i>The estimation of changes in precipitation due to deforestation over Sumatera Island</i> 16. <b>A. Halil</b> : <i>Identification and potential of green open space (GOS) using UAV drone in Depok City</i> 17. <b>A. Indranata</b> : <i>Investigation of the effect of different land use data sources on numerical weather prediction of very heavy rainfall events in The Jabodetabek Region</i> 18. <b>D. Kurniasari</b> : <i>The water recycle effect of hydrothermal treatment from cowpea seed biomass (<i>Vigna Sinensis L</i>) and <i>Ipomoea SP</i> seed biomass</i> 19. <b>W.G. Prakoso</b> : <i>Sensitivity analysis of overflow tunnel capacity on land use change hydrological response for free board height safety of Ciawi DAM</i>	Meeting Room F

## Poster Session

Sub Theme	Poster title
A-P1	<b>M.A. Siregar</b> , S.W. Utomo: <i>AMDAL as a regulation and equator principle as an initiative, which is the best?</i>
A-P2	<b>D. Mulyono</b> , Y. Hilman, Y. Sastro, R. Setiani: <i>Various Cropping Patterns Chili and Shallot Plants As One of The Land Intensification Forms In Some Production Centers</i>
B-P1	<b>A. Royani</b> , S. Prifiarni, G. Priyotomo, Sundjono: <i>Corrosion of Carbon Steel in Synthetic Fresh Water for Water Distribution Systems</i>
B-P2	<b>B. Ratnawati</b> , M. Yani, Suprihatin, H. Hardjomijojo: <i>Identified Solution Management in Landfill with Analytic Network Process (ANP)</i>
B-P3	<b>F. Hanum</b> , D. Sudiarto, N. Zakiah: <i>Survey of Arsenic Contamination in White Rice in Aceh</i>
B-P4	<b>H. Islam</b> , T.E.B. Soesilo: <i>KRL Commuter Line Noise Regulation in Indonesia: a Critical Review</i>
B-P5	<b>N. Andareswari</b> , S. Hariyadi, G. Yulianto: <i>Biogas Versus Liquid Sugar to Process Tapioca Liquid Waste (Case Study : Tapioca Business Center in Ciluar Village Bogor City)</i>
B-P6	<b>R.S.B. Waspodo</b> , M.I. Sahana: <i>River Water Quality Modelling in Barito Watershed</i>
B-P7	<b>S.I. Maulana</b> : <i>Revisiting Peatland Fires Temporal, Climatic and Spatial Distribution and Their Implications on Fire Management Policy in Bengkalis, Riau Province, Indonesia</i>
B-P8	<b>S. Amira</b> , T.E.B. Soesilo, S.S. Moersidik: <i>Social and Environmental Approach for Controlling Water Pollution in Krakut River, DKI Jakarta</i>
B-P9	<b>S.W. Utomo</b> , D.M. Pratiwi, Sudarna: <i>Revisit The Green Barrier development for Ammonia Exposre Preventive Countermeasure: Study of Urea Fertilizer Z Factory in South Sumatera, Indonesia</i>
B-P10	<b>F. Amri</b> : <i>Level of Mercury Pollution and Soil Characteristics on Post Peti Land</i>
D-P1	<b>E. Basri</b> , Saefudin, K. Yuniar: <i>Basic Properties and Potential Uses of 35 Wood Species from Moluccas</i>
D-P2	<b>E.L. Subandi</b> , Widiatmaka, M. Ardiansyah: <i>Spatial Modelling of Paddy Fields in Gorontalo Regency</i>
D-P3	<b>I. Seriana</b> , M. Akmal, Darusman, S. Wahyuni: <i>The effects of neem leaves (<i>Azadirachta indica</i> A.Juss) on male reproduction system: a mini review</i>
D-P4	<b>B.S. Dewi</b> , S.P. Harianto, D.I. Rahmawati, N. Dewara, N. Tokita, S. Koike: <i>Diversity of Fauna as one of indicator of forest management in Tahura Wan Abdul Rachman</i>
D-P5	<b>H.W. Limbe</b> , S.S. Achmadi, D.N. Faridah: <i>Introducing Daluga (<i>Cyrtosperma merkusii</i>) starch from corms collected in Siau Island, North Sulawesi</i>
E-P1	<b>Mira</b> , U. Muawanah: <i>Sustainable Tourism Development in Kepulauan Seribu</i>
E-P2	<b>Puspitasari</b> , A.M. Kiloes, Hardiyanto: <i>Developing Sustainable Community-based Agrotourism in Payo, Solok City, West Sumatera</i>
F-P1	<b>R. Irfani</b> , P.N. Sadikin, B. Nirmalajati, R. Jumhari: <i>Implementation of Participatory Method in Dairy Farmers Extension Program in West Java</i>
F-P2	<b>S. Mulatsih</b> : <i>Impact of ASEAN-China Free Trade Agreement in CO<sub>2</sub> Emission of Transportation</i>
F-P3	<b>Sudarna</b> , J. Najwan, Musibah, D.M. Pratiwi: <i>Business Judgement Rule Application in Company: A Comparation Based on the Case in Indonesia and Malaysia</i>
F-P4	<b>D. Susanto</b> , I. Abadi, Y.M. Wardhana: <i>The Role of Government Guarantees in Environmental and Social Management for Infrastructure Development</i>
G-P1	<b>A.R.S. Hariyadi</b> , D. Sajuthi, D.A. Astuti, H. Maheswari, H.S. Alikodra: <i>Analysis of 3<math>\alpha</math>,11<math>\beta</math>-dihydroxy-CM profile for indicator of stress on male javan rhinoceros</i>
G-P2	<b>B.A. Pamungkas</b> , K. Munibah, S. Soma: <i>Analysis of land use changes and relation to urban heat island (case study of Semarang City, Central Java)</i>
G-P3	<b>M.A. Usman</b> , Widiatmaka, I. Firmansyah: <i>The Land-Based Paddy Food Sufficiency Model in Cirebon Regency West Java Province</i>

Sub Theme	Poster title
G-P4	<b>M.A. Mahfud:</b> <i>Evaluation of Optram Method (Optical Trapezoid Model) in Estimating Soil Moisture on Ex-mining Land and Its Surrounding</i>
G-P5	<b>N. Humaida:</b> <i>The importance of ecocentrism to the level of environmental awareness for sustainable natural resources</i>
G-P6	<b>R.H. Melo, C. Kusmana, Eriyatno, D.R. Nurrochmat:</b> <i>Stakeholder Analysis of Sustainable Mangrove Forest Management in Kwandang, North Gorontalo Sub-district, Gorontalo District</i>
G-P7	<b>S.P. Mulya, I.N.D.M. Hikmah, H. Widjaja, Widiatmaka:</b> <i>Multicriteria analysis for determining primary commodities at Jasinga Sub-District, Bogor District</i>
G-P8	<b>V. Siagian, H. Siregar, A. Fariyanti, K. Nainggolan:</b> <i>Analysis of Factors that Influence the production of wetland rice in Banten Province</i>
G-P9	<b>I.W. Sudarma, I.G.K.D. Arsana:</b> <i>Test The Quality of Robusta Coffee Probiotic Snail Through Different Time Fermentation</i>
G-P10	<b>Z.I. Fakhiroh, S.P. Mulya, D.T. Suryaningtyas, B. Mulyanto:</b> <i>Soil and regional characteristics of paddy field in Ngoro Sub-district, Mojokerto, Indonesia</i>
G-P11	<b>P.B.K. Santoso:</b> <i>Integration of cellular automata methodology and system dynamic of paddy field land use change</i>
G-P12	<b>F.K. Yudichandra:</b> <i>Assessing the Availability and Suitability of Land for Apple Producing Area in Batu City, East Java, Indonesia</i>

