



ICOPOD 2022

BIODIVERSITY, CONSERVATION, AND CLIMATE CHANGE IN TROPICAL COUNTRIES: How to achieve post-2020 global biodiversity conservation targets

November 24th, 2022 | Universitas Papua

AGENDA

First Day, Date: November 24th, 2022

| Time | Contents | PIC |
|---------------|---|--|
| 09.00 – 09.05 | Opening Ceremony | Master of Ceremony: Rina Jowei, Marlon |
| 09.05 – 09.15 | Welcome Speech Dr. Hendri , Chairman of the Conference Abdul Faris Umlati, SE , Regent of Raja Ampat Regency Dr. Mecky Sagrim, SP, M.Si Rector of Universitas Papua | |
| | Keynote Speech: | |
| 09.15 – 09.30 | Ministry of KLHK | Moderator: Prof. Wahyudi |
| 09.30 – 09.45 | Head of Badan Meteorologi Klimatologi dan Geofisika | |
| 09.45 – 10.00 | Head of National Board for Disaster Management | |
| 10.00 – 10.05 | Certificate submission | |
| | Expert Speech: | |
| 10.05 – 10.20 | Prof. Hiroshi Ehara, Ph.D, Nagoya University “Sustainable Crop Production” | Moderator: Dr. Irnanda |
| 10.20 – 10.35 | Prof. Dr. Karl Kim, University of Hawaii “Disaster and SIDs” | |
| 10.35 – 10.50 | Prof. Dr. Sungsu Lee, Chungbuk National University “Community-based Approach” | |
| 10.50 – 11.00 | Q & A | |
| 11.00 – 11.05 | Certificate submission | |
| 11.05 – 11.20 | Mark Erdmann, Ph.D, Germany “Marine Biodiversity” | Moderator: Dr. Saraswati Prabawardani |
| 11.20 – 11.35 | Gregory Taff, Ph.D, WRI USA “Protecting People in Conservation and Climate Change Projects” | |
| 11.35 – 11.45 | Q & A | |
| 11.45 – 11.50 | Certificate submission | |
| 11.50 – 12.05 | Dr. Richard Sneider, IUCN “Nature Base Solutions; ecosystems as climate and biodiversity crops” | Moderator: Dr. Keliopas Krey |
| 12.05 – 12.20 | Prof. Charlie D. Heatubun, S.Hut., M.Si., FLS “Biodiversity” | |
| 12.20 – 12.30 | Q & A | |
| 12.30 – 12.35 | Certificate submission | |
| 12.35 – 13.00 | Break | |



ICOPOD 2022

BIODIVERSITY, CONSERVATION, AND CLIMATE CHANGE IN TROPICAL COUNTRIES: How to achieve post-2020 global biodiversity conservation targets

November 24th, 2022 | Universitas Papua

| | | |
|---------------|--|--|
| 13.00 – 15.30 | Parallel Sessions, first speech by Invited Speakers. Moderated by: Dr. Elen Bless (A), Dr. Rawati (B), Gandi YS Purba (C), Marlon (D), Rina Jowei (E), Saraswati Prawardani (F), Prof Wahyudi (G) | |
| 15.30 – 15.45 | Closing Remarks – | |
| | Prof. Dr. Barahima Abbas. UNIPA “Genetic Diverstiy” | |
| 15.45 – 16.00 | Dr. Mecky Sagrim, SP, M.Si Rector of Universitas Papua | |

Second Day, Date: November 25th, 2022 (Field Trip)

BIODIVERSITY

| | | | |
|----|------|---|--|
| 1 | 169 | Tumpak Sidabutar, Endang S. Srimariana, Hendrik A.W. Cappenberg and Sam Wouthuizen | Bloom driving factors of potentially harmful species of phytoplankton diatom in Jakarta Bay |
| 2 | 239 | Yosephin Nugraheni, Irdika Mansur and Erina Sulistiani | In vitro sterilization and callus induction from <i>Cananga odorata</i> forma genuina Steenis explants |
| 3 | 842 | Vera Sabariah, Fanny F C Simatauw, Mudjirahayu, Yori Turutoja, Nurhani Widiastuti, Fitriyah I E Saleh, Paska I Salmanto, Ismawati and Aldrovando Y Sorentou | PARASITIC INFECTION AS SEASONAL AND ENVIRONMENTAL BIOMARKER OF PELAGIC FISH |
| 4 | 929 | Baharuddin Patandjengi, Tutik Kuswinanti, Melina Melina, Asman Asman, Mustika Tuwo and Muhammad Farham | Detection of Citrus Vein Phloem Degeneration Disease (Cand. <i>Liberobacter asiaticum</i>) in Selayar Tangerines <i>Citrus reticulata</i> L. |
| 5 | 1226 | Budiaman B, Sitti Nuraeni and Rami R | Insect Diversity in Bitti Stands (<i>Vitex cofassus</i>) |
| 6 | 2475 | Nurul Fauziah, Baharuddin Patandjengi and Tutik Kuswinanti | Epidemiological Study of Root Rot Disease (<i>Phytophthora</i> sp.) and the Resistance Level of Local Pameo Citrus Clones (<i>Citrus maxima</i>) in Pangkep Regency |
| 7 | 4191 | Rina A. Moge, Yayuk Fitriani and Yenni S. Salosa | Biocontrol of <i>Bacillus cereus</i> for <i>Anopheles</i> sp larvae |
| 8 | 5581 | Johanna Audrey Leatemala, Betty Sahetapy, Esther Dolina Masauna and Tryani J.K. Lumbantoruan | Insect Diversity in "Dusung" - An Indigenous Agroforestry System in Ambon Island, Maluku, Indonesia |
| 9 | 5765 | Cicilia Maria Erna Susanti, Helmy Y. Setiabudi, Nurhaidah Iriany Sinaga, Zita Letviany Sarungallo, Diana Nurini Irbayanti, Marsia A.R. Rumatray and Fence F. Aidore | Characteristic and The Potential Use of Pandanus Tectorius Park. Leaf Bio-Briquette |
| 10 | 5865 | Rico Rico, Rahim Darma, Darmawan Salman and Mahyuddin Mahyuddin | Characteristics That Affect The Performance of Arabica Coffee Farmers |
| 11 | 6918 | Andi Tenrirawe, Amelia Sebayang, Ayyub Arrahman, Bahtiar Bahtiar and Yasin Said | Insect-resistance test of <i>Sitophilus zeamais</i> Motschulsky (Coleoptera: Curculionidae) on several maize hybrid line |
| 12 | 7069 | Happy Widiastuti, Jajang Supriatna, Salsa Bilah Alzahra and Dewi Ismayani Fuad | Exploration and Culture of Arbuscular Mycorrhizal Fungi from wild Sago |
| 13 | 8362 | Jeni Jeni, Muhammad Dailami, Ida Lapadi, Fitriyah Saleh, Vera Sabariah, Febriza Dwiranti, Nurhaida Nurhaida, Anjeli Paisey and Abdul Hamid Toha | DNA barcoding and morphological analyses of sea urchin <i>Triploneustes</i> spp. along the Bird's Head Seascape Papua-Indonesia |
| 14 | 9089 | Nurdiana Abbas, Firlawanti Lestari Baguna, Aqshan Shadikin Nurdin and Fadila Tamnge | Bird Diversity of Resort of Akejawi in Aketajawe Lolobata National Park |

Conservation

| | | | |
|----|------|--|--|
| 1 | 1633 | Sartji Taberima, Ovi Putri Irawati, Nouke L. Mawikere and Obadja A. Fenetiruma | THE LOW LAND AREA FOR SUSTAINABLE CONSERVATION OF HORTICULTURAL PLANTS IN BINTUNI BAY REGENCY |
| 2 | 1847 | Gemasakti Adzan, Dewi Ratna Sari, Nirarta Samadhi and Tomi Haryadi | Tanah Papua Deforestation Risk Model: Understanding the Deforestation Drivers and the Implication of New Provincial Area |
| 3 | 1876 | Yakobus Harewan and Rully Novie Wurarah | Analysis of Land Conservation To Economic Growth: The Case Of Other Purpose Areas. |
| 4 | 2651 | Yohanes Wibisono, Yayan Hadiyan, Liliek Haryjanto and Bastoni Bastoni | Early Growth and Genetic Performance of Gelam (<i>Melaleuca cajuputi</i> subsp. <i>cumingiana</i>) Conservation Plot: An endemic peatland species in South Sumatera |
| 5 | 3430 | Rudi Maturbongs | PRIORITY RATTAN SPECIES IN BIRD HEAD PENINSULA OF NEW GUINEA, INDONESIA |
| 6 | 3723 | Didi Usyadi, Richa Kusuma Wati, Ria Cahyaningsih and Danang Wahyu Purnomo | Maxent modeling for predicting the current and future potential geographical distribution of <i>Crepidium ridleyi</i> (J.J.Sm.) Szlach., a threatened endemic terrestrial orchid of Java |
| 7 | 3933 | Paulus Boli, Talita A. Asagi, Alberto Y.T. Allo, Revolson Alexius Mege, Emma Mauren Moko, Alfonds Andrew Maramis, Daniel Tadu and Gandi Y.S. Purba | HATCHING SUCCESS OF SEA TURTLES CHELONIA MYDAS AND LEPIDOCHELYS OLIVACEA AT SIBUNI VILLAGE, MASNI DISTRICT MANOKWARI REGENCY WEST PAPUA |
| 8 | 5696 | Yusup Jentewo, Deasy Lontoh, Petrus Batubara, Tonny Duwiri, Arfiandra Wanaputra and Fitriyanti Pakiding | Opened Sasi Helped Reduce Predation on Leatherback Turtle (<i>Dermochelys coriacea</i>) Nests at Jeen Yessa Beach, Tamberau |
| 9 | 5985 | Masfiro Lailati and Yati Nurlaeni | The growth of Mount Gede Pangrango National Park native plant in CBG nursery: Preliminary study |
| 10 | 7325 | Intani Quarta Lailaty, Yudi Suhendri and Muhammad Efendi | Seed Conservation of <i>Begonia</i> spp. from West Sumatra, Indonesia |
| 11 | 7831 | Gandi Y.S Purba, Yunita Insos Eramuri, Frida. A. Loinenak and Marthin Matulessi | Coastline Change Using Landsat Image at Manokwari Coastal Area West Papua |
| 12 | 8745 | Muhamad Faisal, Johni Mau, Bernadus Duwit, Yusup Jentewo, Deasy Lontoh and Fitriyanti Pakiding | Improved Hatching Success of Protected Leatherback Nests at the Jeen Womom Coastal Park, Tamberau, West Papua |
| 13 | 9039 | Radios Simanjuntak | Community conservation Economy ecotourism social forestry |
| 14 | | Diah Irawati Dwi Arini | The Birds Composition as an Environmental Quality Indicator in Wallacea's Urban Area |

Climate Change

| | | | |
|---|------|---|--|
| 1 | 1409 | Bagus Primohadi Syahputra, Andi Afi and Maria Imaculata Tiara | Evaluation of Optimum Conditions of Agricultural Commodity Growth in Papua against Changes in Climate Parameters |
| 2 | 1977 | I Putu Sugiana, Elok Faiqoh and I Wayan Eka Dharmawan | Spatial Distribution of Carbon dioxide (CO ₂) and Nitrous oxide (N ₂ O) Concentration Across Three Mangrove Zone in Benoa Bay, Bali |
| 3 | 2148 | Derek Ampnir, Budi Santoso, Rudi A Maturbongs and Hendri H | Local Food Resilience in an Effort to Anticipate Extreme Climate in Small Islands of West Papua |

| | | | |
|----|------|---|---|
| 4 | 2663 | Nancy Z.A Ullo, Onesimus Yoku, Hanike Monim, Trisiwi W. Widayati, Martha Kayadoe and Diana Sawen | Reducing the Effects of Greenhouse Gas Emissions of Organic Waste by Utilizing Banana Stems as Local Pig Feed Starter |
| 5 | 3085 | Hendri Hendri, Aditya Rahmadaniarti and Gede Agus Mahatmandira | Optimization Agroforestry to Address Green Economy and Climate Change in Manokwari Regency, West Papua |
| 6 | 4118 | Martina Langi | Estimation of Total Biomass and Carbon Stock in the Tangkoko Nature Reserve, North Sulawesi |
| 7 | 4860 | Yuyu Rahayu and Susilo Budi Husodo | Wood anatomical variables and its relation to site and climate adaptation in tropical rain forest of Papua |
| 8 | 6540 | Noer Nurhayati and Novana Sari | Empowering tacit knowledge toward better climate adaptation |
| 9 | 7571 | Endang Hilmi, Nurul Anwar, Imam Santoso, Taruna Mona Rachman and Teguh Wardoyo | The impact of climate change for the stability of mangrove and estuary of Segara Anakan Lagoon |
| 10 | 7865 | Aplena E. Bless, Thomas F. Pattiasina and Krisma Lekito | Mangrove Vegetation Analisis and Carbon Stock in Klawalu Mangrove Park of Sorong West Papua |
| 11 | 7907 | Yeli Sarvina | ENSO AND CLIMATE VARIABILITY IN PAPUA |
| 12 | 8428 | Eva Achmad and Rince Muryunika | ABOVE GROUND CARBON STOCK ESTIMATION BASED ON VEGETATION INDEX CLASSES OF PEATLAND FOREST AREA IN JAMBI PROVINCE |
| 13 | 8493 | Francina Kesaulija, Marlon Aipassa and Muhammad Sumaryono | Land Use and Land Cover Change In Manokwari, West Papua Province |
| 14 | 8909 | Muhammad Izza, Sri Astuty, Rizky Ramadhan, Namira Perdani, Mata Anwar, Nova Rosdeawati, Muhamad Firdaus and Erma Yulihastin | Identification of temperature change related to frost phenomenon over Jayapura, Indonesia |
| 15 | 9021 | Iwan Gunawan Tejakusuma, Euthalia Hanggari Sittadewi and Rizki Fitriani | Hydrometeorological Hazard Detection and Warning for Risk Reduction in West Java, Indonesia |

Management of Natural Resources

| | | | |
|----|------|---|---|
| 1 | 645 | Nurhaidah Iriany Sinaga, Jimmy Frans Wanma, Nithanel M Hendrik Benu, Tumpal Sinaga, Yan Douw and Robert Sarwom | After 25 Years of Reclamation Project, Fabaceae Family in Forest Succession of The Tailing Area PT. Freeport Indonesia |
| 2 | 816 | Endang Setiani, Abdul Azis, Cicilia Maria Erna Susanti, Susilo Budi Husodo and Yuyu Rahayu | Phytochemical Analysis Katuk Hutan Leaf (<i>Phyllanthus Reticulus</i> var <i>Reticulatus</i>) with Two Drying Methods |
| 3 | 819 | Antoni Ungirwalu, San Afri Awang, Ahmad Maryudi, Priyono Suryanto, Jonni Marwa and Charile Heatubun | The Forest-Cultural Approach in Constructing a Concept and Scenario for Adaptive Forest Resource Management in West Papua |
| 4 | 2030 | Ainun Mardiyah Yasir, Tutik Kuswinanti and Andi Nasruddin | The Evaluation Effect of <i>Stenocarpella maydis</i> on Seed Quality in New High-Yielding Maize Varieties |
| 5 | 2515 | F D Tuheteru and A Arif | The Acclimatization Compartment and Growth Hormone Impact on the Life Percentage Of Endangered Hopea Gregaria Tree Species |
| 6 | 3297 | Putra Pamungkas Rohadi, Nafidzah Qisthina, Risdayatry Aulia, Hadi Susilo Arifin and Regan Kaswanto | Evaluation of Urban Landscape Management for Waterfront City in the Coastal Makassar City |
| 7 | 3794 | Iftitah Kartika Amaliah, Itji Diana Daud and Andi Nasruddin | Effect of several reduced-risk insecticides on population of <i>Bemisia tabaci</i> Genn. and incidence of Pepper yellow leaf curl Indonesia virus (PepYLCIV) on chili plants |
| 8 | 5080 | Pither Palamba and Anastasya Sri Werdhani | Smoldering Behavior of Peat Fire |
| 9 | 6664 | Arifan Jaya Syahbana, Mellinda Septia Wati, Januar Aziz Zaenurrohman, Mohamad Ridwan, Anggun Mayang Sari, Achmad Fakhru Shomim, Asdani Soehaimi, Eko Widi Santoso, Franto Novico and Evie | Scenario Seismic Hazard Analysis (SSHA) in Cilegon City for Better Infrastructure Construction Post-Big Earthquake 2019 and 2022 |
| 10 | 9289 | Katarina Hegemur, Zita Letviany Sarungallo, Abadi Djading, Cicilia Maria Erna Susanti, Nurhaidah Iriany Sinaga and Diana Nurini Irbayanti | Diversity of Pandan Tikar (<i>Pandanus tectorius</i> Park.) Fruit that Cultivated in Papua and West Papua Province Based On Physical Characteristics and Nutritional Content |
| 11 | 9468 | Hendri H, Soetjipto Moeljono and Moholine Tumana | Potential Carbon Stock and Environmental Services in IUPHHK-HA PT Cenderawasih Hijau Letari, Kaimana Rregency, West Papua |
| 12 | 9502 | Endang Hariningsih and Rintar Agus Simatupang | A Study on Use Behavior : Extended Theory of Planned Behavior Perspective |
| 13 | 9558 | Tutik Kuswinanti, Baharuddin Patandjengi, Nur Amin and Mustika Tuwo | Population Race Structures of <i>Pyricularia oryzae</i> Cavara in South Sulawesi |
| 14 | 9909 | Radios Simanjuntak | SOCIAL FORESTRY BASED CONSERVATION THROUGH ECO-TOURISM IN THE VILLAGE FOREST OF TALAGA PACA, NORTH HALMAHERA REGENCY |
| 15 | | Julianus Kinho | Local Wisdom in Conserving Endemic and Endangered Tree Species of <i>Magnolia sulawesiana</i> in Sulawesi, Indonesia. |

Agro Complex

| | | | |
|---|------|---|--|
| 1 | 362 | Syuryawati Faesal and Paesal Paesal | Feasibility of Raton System Sorghum Cultivation Technology for Sorghum Development |
| 2 | 385 | R. Vitri Garvita, Lily Ismaini, Frisca Damayanti, Intani Quarta Lailaty, M. Imam Surya, Harto and Nudin | A study on seed germination of <i>Senna alata</i> (L.) (Ketepeng) |
| 3 | 516 | Zuyasna, Nanda Mayani, Dara Maulina and Farida Iriani | Using NPK fertilizer on several soybean mutant in sub-optimal land |
| 4 | 519 | Paesal Pate, Muhammad Azrai, Muhammad Jayadi, Yunus Musa, Roy Efendi and Syuryawati Faesal | Screening of Acid Tolerant Hybrid Maize Lines and Parents Using Modified Acid Mineral Soil |
| 5 | 3037 | Safaruddin Safaruddin, Muhammad Arsyad Arsyad, Darmawan Salman Salman, Hari Hiswoyo Hiswoyo and Syamsuddin Syamsuddin | Efforts to Restore the Glory of Quality Cocoa in North Luwu Regency |

| | | |
|----|---|--|
| 6 | 3570 Daniel Dudung, Barahima Abbas, Eko Martanto, Ihwan Tjolly, Trisiwi Wahyu Widayati and Denny Iyai | Estimation of Greenhouse Gases in Rice Fields and Plantations in Teluk Bintuni Regency, West Papua |
| 7 | 3686 Reymas M.R Ruimassa, Yolanda Holle and Ifa Manzila | Fragmen Endogenous Like Rice Tungro Bacilliform Virus (RTBV) di dalam Genom Padi Lokal |
| 8 | 4227 Suriani S, Nurashiah Djaenuddin, Endang Gati Lestari, Amin Nur and Fandi Abdullah Nadir | The Performance of Sorghum Mutant Lines Resulting from Gamma-ray Mutation on Main Diseases |
| 9 | 6227 Saraswati Prabawardani, Darma Jumaria Yogi, Yohanis Amos Mustamu, Nouke L. Mawikere, Aice Ilona Noya, Ni Made Gari, Sartji Taberima and Inanda A.F. Djuuna | Agro-Morphological and Nutritional Traits of Potato Genotypes in Oksibil and Anggi Highland Areas of Papua |
| 10 | 6558 Apresus Sinaga, Nicolays Jambang and Lukman Hakim | Increased Cocoa Production due to Organic Fertilizer |
| 11 | 6931 Ananda Dwi Puspita, Tutik Kuswinanti and Ade Rosmana | Analysis of the Severity of Stem Rot Disease in Pamelor Oranges (<i>Citrus maxima</i>) in Pangkep Regency, South Sulawesi |
| 12 | 7060 Ernawati Djaya, Andi Nasruddin, Melina M, Erwin Najamuddin, Nurasia Djaenuddin and Aminah A | Detection and Identification of Pylciv Virus Symptoms in Chillies in Makassar, South Sulawesi |
| 13 | 8416 I Komang Damar Jaya, Bambang Budi Santoso and Jayaputra Jayaputra | Intercropping Red Chili with Leguminous Crops to Improve Crop Diversity and Farmers' Resilience to Climate Change Effects in Dryland |
| 14 | 9568 Betty Sahetapy, Johanna Audrey Leatemala, Esther Dollina Masauna and Tryani J.K. Lumbantoruan | Utilization of Methyl Eugenol Bait Traps on Fruit Flies (<i>Bactrocera</i> spp) (Diptera: Tephritidae) Caught in Fruit Dusing on Ambon Island |

Social, Economic and Policy

| | | |
|----|--|--|
| 1 | 1712 Aditya Rahmadaniarti, Matheus Beljai, Mutakim Mutakim and Nurfaida Fuji Lestari | Planting Pattern and Space Utilization of Homegarden Based Ethnicity: Case Study in Waraitama Village, Manimeri District, Teluk Bintuni Regency |
| 2 | 1932 Pande Komang Suparyana, I Putu Eka Indrawan, Ni Nyoman Parmithi and Ni Luh Putu Yesy Anggreni | Factors that influence the entrepreneurship of women farming in doing a livestock post African Swine Flu virus in mengwi village |
| 3 | 2026 Anita Fatubun, Cicilia Maria Erna Susanti, Nurhaidah Iriany Sinaga, Jimmy Frans Wanma and Meilanny Margareth Lea | Natural Dyes used by the Byak Tribe and Its Prospects as Raw Materials for the Natural Dyes Industry |
| 4 | 4061 Charles Ham | Multi Science Approach in Utilizing Low-Cost Nature-Based Infrastructures and Citizen Participations for Flood Risk Reduction in Ternate City |
| 5 | 4919 Prihartanto, Novian Andri Akhirianto, Syakira Trisnafiah, Bana Fitro Ghifari, Deliyanti Ganesha, Muhammad Ravi Yuvhendmindo and Fanny Ainunnisa | Social vulnerability toward tsunami hazard in the coastal area of Bayah Dome Geopark, in Lebak Regency, Banten Province |
| 6 | 5477 Aris Sudomo and Marcellinus Mandira Budi Utomo | The Fundamental Role of Silviculture Agroforestry in Indonesia's Social Forestry Program |
| 7 | 5603 Sugiarto Sugiarto, Hendri Hendri and Jacob Manusawai | Eco-Temple Initiative for Achieving Sustainable Development Goals in West Papua |
| 8 | 6148 Bahtiar Bahtiar, Darmawan Salman, Muhammad Arsyad and Andi Tenrirawe | Arena Characteristics, Actors, And Resources Management Regulations in Providing Hybrid Corn Seeds for Farmers |
| 9 | 7371 David Oscar Simatupang, Didi Rukmana, Alexander Phuk Tjilen and Mahyudin Mahyudin | The dynamics of oil palm land change and its study of Environmental, Economic and Social impacts in Merauke District |
| 10 | 8277 Gunawan Wibisono and Mustofa Agung Sardjono | Community Participation in Community-Based Mangrove Management (Case Study in Teluk Semanting, Biduk-Biduk and Teluk Sulaiman, Berau Regency) |
| 11 | 9033 Yuanike Kaber, Anjeli S. Paisey, Sarah Wa Ode Usman and Philipus Musyeri | THE DEVELOPMENT OF SUSTAINABLE LIVELIHOOD BASED ON COMPARATIVE ASSESSMENT AREAS AND THE CULTURE OF LOCAL COMMUNITY IN BLUE ACTION FUND PROJECT AREAS: CASE STUDIES IN THE NORTH OF MISOOL MARINE PROTECTED |
| 12 | 9133 Aldi Padila, Charly Wanggai, Francina Kesaulija and Bernadetta Sadsoeitoeboen | THE AREA OF FLOOD RUNOFF IN THE RIVER BRANCH DUA, MANOKWARI REGENCY, WEST PAPUA PROVINCE WITH HEC-RAS MODELING |
| 13 | 9231 Messalina L Salampessy, Ina Lidiawati and Elfis Metkono | Local Institutional Failures of Coastal Communities in an Effort to Conserve Mangroves |
| 14 | 9487 Nicolaus L. Leftungan, Wahyudi Wahyudi, Jonni Marwa and Obed N. Lense | Mapping mangrove based products to support small entrepreneurship activities for indigenous communities at Bintuni bay West Papua Province |
| 15 | 9810 Aris Toteles Ap, Wahyudi Wahyudi, Hendri Hendri and Albertus Girik Allo | Selected Non-Timber Forest Product Commodity for Future Green Economy Based Products Development in Papua provinve |