

ORAL PRESENTATION, DAY-1 (14 NOVEMBER 2019)

DAY 1, 14 November 2019, JST JICA SATREPS / Environmental Science Themes, ROOM : MARGA 2				
NO	TIME	CODE	AUTHORS	ABSTRACT TITLE
	13.00		Chiharu Hongo (Chiba University)	Outline of the SATREPS Project
	13.10		Baba Barus (Bogor Agricultural University)	A Drone-based System for Small-scale Rice Field Monitoring
	13.25		Putu Sudiarta (Udayana University)	Monitoring of Pest and Diseases of Rice on Fixed Location in Mengwi District, Badung Regency
	13.40		Anom Sutrisna Wijaya (Udayana University)	Estimation of Rice Pest and Diseases Damage Based on Drone Data
	13.55		Koki Homma	Rice Grown Evaluation by Simulation Model with Remote Sensing
	14.10		Baba Barus, Chiharu Hongo	General Discussion
1	14.30	ES - 35	L B Prasetyo, Yudi Setiawan, A K Wijayanto	Development of Open Data Sharing Platform for SATREPS Project using ArcGIS Hub
2	14.45	ES - 04.1	Yudhistira Ariska, Supriatna, A Wibowo	Spatial Dynamics of Sustainable Agricultural Land for Food in the City of Sukabumi
3	15.00	EI - 24	I Nyoman Sunarta, A R As-Syakur	A Remote Sensing Approach to Assessment of Changes in Vegetation Ecosystem Services in A Tourism Landscapes: A Study of the Nusa Dua Region, Bali
5	15.15	ES - 05	Raity Arief Hidajat, Suyud Warno Utomo, Iwa C, Mahawan K	Why Tree Analysis to Find the Root Cause of Environmental Problem (Case Study on Geothermal Power Plant)
6	15.30	ES - 11	I G H Purnama, Y H Putri	Utilization of Mud from Wastewater Treatment Plant Processes as Organic Fertilizer in PT. Pengembangan Pariwisata Indonesia
7	15.45	ES - 13	S Indarto, T T Pujiastuti, Nurjaman	Utilizing RGB Technique for Smoke Monitoring in Indonesian Region
8	16.00	ES - 14	Fika Hanna Alfa Putri, Nyoman Suwartha, Djoko M. Hartono, M. Adhiraga Pratama	Analyzing the Effect of Regional Function on Rainwater Quality as an Alternative Source of Clean Water Supply

DAY 1, 14 November 2019, JST JICA SATREPS / Environmental Science Themes, ROOM : MARGA 2				
NO	TIME	CODE	AUTHORS	ABSTRACT TITLE
9	16.15	ES - 17	Tomoyoshi Sakamoto, Y Amano, M Machida	Phosphate Ion Adsorption Properties of PAN-based Activated Carbon Fiber prepared with Na <sub>2</sub> CO <sub>3</sub> Activation
10	16.30	ES - 20	Addy S Hadisuwito, F H Hasan	A comparative Study Drought Factors in the McArthur Forest Fire Danger Index in Indonesian Forests

DAY 1, 14 November 2019, The 1 <sup>st</sup> SeMIREs - IEICE / Engineering and IT Themes, ROOM : MARGA 1				
NO	TIME	CODE	AUTHORS	ABSTRACT TITLE
	13.00	INVITED SPEAKER	Dr. Kuan Tsung Chang	Analyzing Pre-and Post-Earthquake Changes using Optical and SAR Satellite Images
1	13.25	EI - 34	Cahya Edi Santosa, J T S Sumantyo, Indra Riyanto, Vebtasvili	The Design of An 2x2 Subarray Microstrip Antenna for Airborne XBand Circularly-Polarized Synthetic Aperture Radar
2	13.40	EI - 06	Hisato Kashihara, Josaphat Tetuko Sri Sumantyo, Cahya Edi Santosa	Broadband X-band Patch Antena for Circularly Polarized Synthetic Aperture Rader onboard UAV
3	13.55	EI - 05	Noboru Hamaguchi, Kazuteru Namba, J T S Sumantyo	CP-SAR Image Processing System using TCP/IP with Kintex-7 FPGA Board
4	14.10	EI - 21	Seftiawan Samsu Rijal, Fahreza Okta Setyawan, Dian Aliviyanti	Ground Deformation Mapping in Lombok Earthquake 2018 Using SAR
5	14.25	EI - 04	Tsuyoshi Eguchi, M Nagai, F Miura	Detecting the Landslide Areas using Single Optical Sensor Image and Synthetic Aperture Radar Image
6	14.40	EI - 15	Rias Sukmawati, Supriatna, A Damayanti	Modeling of Erosion Rate based on Land Cover Changes using Cellular Automata – Markov Chain in DA Ci Tarik
7	14.55	EI - 11	Andi Besse Rimba, Kensuke Fukushi	Change in Land use from 2000 to 2025 driven by Tourism Growth in Bali
8	15.10	EI - 13	M Kamal, F H Muhammad, S A Mahardhika	Effect of Image Radiometric Correction Levels of Landsat Images to the Land Cover Maps Resulted from Maximum Likelihood Classification
9	15.25	MF - 04	T T Pujiastuti, B S Panjaitan	Ocean Color Variability during Surface Wind Intensification Period Over Java Sea
10	15.40	MF - 12	Muhammad Kamal, P Wicaksono, Z Isnaen, F Sidik	Characterizing the Spectral Reflectance Patterns of Mangrove Species in Perancak Estuary, Bali, Indonesia

DAY 1, 14 November 2019, The 1 <sup>st</sup> SeMIREs - IEICE / Engineering and IT Themes, ROOM : MARGA 1				
NO	TIME	CODE	AUTHORS	ABSTRACT TITLE
11	15.55	MF - 80	J Lumban-Gaol, A F Syah, R E Arhatin, D Kushardianto, B P Pasaribu, and E E Ksuumaningrum	Distribution of Fishing Vessels derived Visible Infrared Imaging Radiometer Suite (VIIRS) Sensor and their Relationship on Chlorophyll-a Concentration in Java Sea
12	16.10	EI - 29	Nur Febrianti, F Yulianto, M Arda N S Haryani	Flood Inundation Mapping using Synthetic Aperture Radar Data Dual Polarization: A Case Study of Flood in Lake Tempe, South Sulawesi - Indonesia
13	16.25	EI - 33	Arif Aditiya, Surono, J Efendi, A Y Basuki, M J T Purnomo, M A Syafii	Performance Evaluation of Real Time PPP based on MADOCA-LEX QZSS Signal : Status and Future Application in Indonesia
14	16.40	MF - 82	Sandipan Mondal, Ming An Lee	Application of Multi satellite Data to make Long-term observation on the monthly variations of sea surface temperature in the Southern Indian Ocean

DAY 1, 14 November 2019, Social Science Themes, ROOM : TIRTA				
NO	TIME	CODE	AUTHORS	ABSTRACT TITLE
	13.00	INVITED SPEAKER	Prof. Made Sudiana Mahendra	
1	13.25	SE - 34	Fibrilatifa A, Dhira Khurniawan S, Ardanti Y.C. Sutarto	Preliminary Assessment for Coastal Climate Adaptation and Resilience in Kepetingan Hamlet, Sawohan Village, Sidoarjo District
2	13.40	SE - 32	Rusydi, Aida Sartimbul	The Socio - Economic Impact of Gillnet and Longline Fisheries on Cetaceans in the Sawu Sea
3	13.55	SE - 26	Lina Asmara Wati, Mimit Primyastanto, Bela Kinanti	Analysis of Consumer Behavior Factors on Visiting Interest Labu Pade Beach, Utan Sumbawa-West Nusa Tenggara
4	14.10	SE - 23	Dian Anggraini, L S Palupi M N R Himawan	Relationship between Gratitude and Psychological Well-being around Lapindo Mudflow Resident
5	14.25	MF - 97	Erlinda Indrayani, M. Bhre Rakay and Mahamada Fattah	Policy Analysis for Marine Recreational Fisheries Activities in Desa Pesisir, Situbondo Regency East Java
6	14.40	SE - 18	O Onrizal, M Mansor	Surviving Tsunamis: Tsunami Early Warning System (TEWS) Based on Local Knowledge in Offshore Islands, West Coast of Sumatra

DAY 1, 14 November 2019, Social Science Themes, ROOM : TIRTA				
NO	TIME	CODE	AUTHORS	ABSTRACT TITLE
7	14.55	SE - 04	Sukuryadi, N Harahap, M Priyastanto, B Semedi	Community Perception and Participation in Mangrove Ecotourism Development in Lembar Area West Lombok Regency
8	15.10	MF - 13	Elena Demenchuk, V Chasovsky, I Amvrosyeva	Recreational Fishing in the Exclave Kaliningrad Region: Problems and Challenges
9	15.25	SE - 12	I Ketut Sudiarta, M S Mahendra, I K G Bendesa	Participatory Policy Making Towards Competitive and Sustainable Diving Tourism in Bali
10	15.40	SE - 14	Riesti Triyanti, N Kurniasari, C Yuliaty, T Febrian	Management of Coastal Resources in Mandalika in an Era of Disruptive Innovation Waves
11	15.55	SE - 15	Vita Kartika Sari	Institutional Study of Waste Issues and the Community Health Impact in Putri Cempo Surakarta Landfill
12	16.10	SE - 16	Vebstasvili	Does Education Raise Productivity and Wages Equally?
13	16.25	SE - 24	Putri Nugrahaningsih	Green Campus Implementation Based on 4 (Four) Main Pillar Development: Green Rose, Green Attitude, Green Lifestyle, and Green Infrastructure in Sebelas Maret University
14	16.40	SE - 22	Sri Lestari	Increasing Stakeholder Engagement in Sustainable Natural Resources Management in Indonesia

DAY 1, 14 November 2019, Marine Fisheries Themes, ROOM : CIPTA				
NO	TIME	CODE	AUTHORS	ABSTRACT TITLE
	13.00	INVITED SPEAKER	Prof. I Wayan Arthana	Distribution of Sea Cucumber Habitat Variations in the Waters of Nusa Lembongan Bali
1	13.25	MF - 86	Tri Djoko Lelono, Gatut Bintoro	Biology And Composition Of The Stomach Content Of Skipjack Fish (Katsuwonus pelamis) That Are Captured In The Region Of Fisheries Management Of The Republic Of Indonesia 573 East Jawa
2	13.40	MF - 18	A. Setyanto, Soemarno, C. Prayogo, D.G.R. Wiadnya, R. J. West, M. Tsamenyi	Illegal Unreported and Unregulated (IUU) Fishing and Small Scale Fishery (SSF): A Case Study of South Java Lobster Fishery
3	13.55	MF - 96	Eko Waluyo, A.W. Perdana, E. Indrayani	Improving Functional Properties of Fishball by Adding of Carageenan and Rice Bran Flour

DAY 1, 14 November 2019, Marine Fisheries Themes, ROOM : CIPTA				
NO	TIME	CODE	AUTHORS	ABSTRACT TITLE
4	14.10	MF-76	M Herjayanto, N A Prasetyo, M B Syamsunarno, A Gani, V Hasan, F S Valen	Presence of the Javanese Ricefish <i>Oryzias javanicus</i> Bleeker, 1854 (Beloniformes, Adrianichthyidae) in Tunda island, Indonesia
5	14.25	MF-77	Aief Abdi, M B Tamam, V Hasan, F S Valen	First Record of Emerald Tree Skink <i>Lamprolepis smaragdina</i> (Lesson, 1830) from Masalembu island, East Java, Indonesia
6	14.40	MF-78	M Herjayanto, N A Prasetyo, M B Syamsunarno, A Gani, V Hasan, F S Valen	<i>Poecilia velifera</i> Regan, 1914 (Cyprinodontiformes, Poeciliidae): an introduced exotic fish in Tunda island, Java Sea, Indonesia
7	14.55	MF-81	Feni Iranawati, Rizqi Narulitai, Citra Satrya Utami Dewi, Sunanto Arifin	Evaluation of maceration length on antioxidant potency of <i>Sonneratia caseolaris</i> leaf
8	15.10	MF - 75	M A Z Fuad, M A Fikri, M A Rahman	Coral Reef Rugosity: Comparison of in-situ measurement and Acoustical technique Using Benthic Terrain Modeler in Pasir Putih, Situbondo – Indonesia
9	15.25	MF - 20	Mikchaell A.P Panjaitan , Eddy Suprajitno, Hardoko	Effect of <i>R. mucronata</i> Antibacterial Activity on the morphology of <i>A. hydrophyla</i> cell
10	15.40	MF - 31.1	Andik Isdianto, Oktiyas Muzaky Luthfi, Supriyadi	Effect of Temperature on the movement of water currents in the Prigi Bay, Trenggalek – Indonesia
11	15.55	MF - 01	S Y S Rahayu, W Prihatini, T Panji	Metallothionein Gene Expression from Freshwater Mussel <i>Pilsbryconcha exilis</i> induced by Mercury
12	16.10	MF - 45	Karsono Wagiyono, Tirtadanu	Biology Characteristic, Abundance Indexes And Fishing Aspect Of Donkey Croaker ( <i>Pennahia anea</i> Bloch, 1793 ) In The Tangerang Waters.
13	16.25	MF - 47	N.M.M.A.D. Sujana and D. Arfiati	Macrozoobenthos Community and Physical, Chemical of Water Tukad Badung Denpasar.

DAY 1, 14 November 2019 , Marine Fisheries Themes, ROOM : AUDITORIUM PANGRIPTA LOKA				
NO	WAKTU	KODE	PESERTA	ABSTRACT TITLE
	13.00	INVITED SPEAKER	Prof. Happy Nursyam	
1	13.25	INVITED SPEAKER	Prof. Rakesh Kumar Trivedy	Impact of Climate Change on Freshwater and Biodiversity of India and India's Climate Action Plan

DAY 1, 14 November 2019 , Marine Fisheries Themes, ROOM : AUDITORIUM PANGRIPTA LOKA				
NO	WAKTU	KODE	PESERTA	ABSTRACT TITLE
2	13.50	MF - 02	Risky Dwi Afriadi, Eduardo Edwin Ramda, Supandi	The Impact of Climate Change on the Shrimp Processing Industry in Tambak Rejo, Semarang
3	14.05	MF - 03	Ahmad Fachrudin Syah, J L Gaol, A K Ni'am, D Jatisworo	Potential fishing grounds of Skipjack tuna ( <i>Katsuwonus pelamis</i> ) in west water of Sumatera using remotely sensed data and maximum entropy model
4	14.20	MF - 108.1	Gatut Bintoro , Sukandar, Tri Djoko Lelono , Fetriyani	Potential yield economic sustainability of skipjack tuna ( <i>Katsuwonus pelamis</i> ) in Prigi waters, Trenggalek, East Java, Indonesia
5	14.35	MF - 06	T F Pattiasina, E Y Herawati, B Semedi, A Sartimbul, R A Sala, R Bawole	A Strategic Approach to Resilience-based Management of Coral Reef Using the A'WOT Hybrid Method: Case Study in Doreri Bay, Manokwari Regency, Indonesia
6	14.50	MF - 08	Djati Mardiatno, Herjuna Wiratama	Spatiotemporal Analysis of Marine Debris Existence in Parangtritis Coastal Area, Yogyakarta, Indonesia
7	15.05	MF - 09	Tri Paus Hasiholan Hutapea, Rukisah, Mulyadi, Kartika A. Madurani, Suprpto, Fredy Kurniawan	Chemistry and Physics Characterization of Milkfish ( <i>Chanos chanos</i> ) Gelatin from Tarakan, North Borneo, Indonesia
8	15.20	MF - 10	Dwi Budi Wiyanto, Nuddin Harahab, Rudianto, Aida Sartambul	Suitability analysis of Tanjung Benoa Waters-Bali for Dive Tourism
9	15.35	MF - 11	Anthon Andrimida, R Hermawan	Assessing Cryptic Marine Fauna Diversity as Underwater Macrophotography (UMP) Objects in Sempu Strait, Indonesia
10	15.50	MF - 78	M Herjayanto, N A Prasetyo, M B Syamsunarno, A Gani, V Hasan, F S Valen	<i>Poecilia velifera</i> Regan, 1914 (Cyprinodontiformes, Poeciliidae): an introduced exotic fish in Tunda island, Java Sea, Indonesia
11	16.05	MF - 99	Citra Satria Utama Dewi, Defri Yona, Pratama Diffi Samuel	Distribution and Health Status of Seagrass Bed in Lamongan Coastal Area
12	16.20	MF - 14	Elok Faiqoh, I W G A Karang, I N G Putera	Resiliency of Coral Reef in East Coast Bali: Ecology and Social Perspective
13	16.35	MF - 104	Ming-An Lee	Modelling the Potential Habitat Zone of Albacore Tuna ( <i>Thunnus alalunga</i> ) in the Temperate Oceans using the Satellite and Longline Fishery Data