

**International Conference of Indonesia Society for Remote Sensing 4rd ICOIRS 2018 Sheraton Four Point Makassar  
October 30<sup>th</sup>-31<sup>th</sup>, 2018**

**1st Day (Tuesday, October 30<sup>th</sup> 2018)**

*Location : Room 1*

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	13.30 - 13.45	Amrih Halil	Department of Geography, University of Indonesia	Indonesia	Analysis of Remote Sensing Technique Using Water Supply Vegetation Index Method for Detecting Drought in Bekasi City in 2015	Hazard	IC-01	IC-01-001
2	13.45 - 14.00	Yudo Prasetyo	Geodetic Engineering, Faculty of Engineering, Diponegoro University	Indonesia	Study of Correlation of Residential and Industrial Growth Pattern in Semarang City to the Aquifer Capacity Changes in the Year 2014-2017	Hazard	IC-01	IC-01-002
3	14.00 - 14.15	Syukri Yandi	Geography, University Of Indonesia	Indonesia	Drought Analysis Using Standardized Precipitation Index (SPI) and Normalized Difference Vegetation Index (NDVI) In Bekasi Regency In 2015	Hazard	IC-01	IC-01-003
4	14.15 - 14.30	Dewayany Sutrisno	Geospatial Information Agency	Indonesia	Water Change Detection and Its Effect on Land Value	Coastal and Marine	IC-10	IC-10-018
5	14.30 - 14.45	Hartanto Sanjaya	Pusat Teknologi Pengembangan Sumber Daya Wilayah, BPPT	Indonesia	Indonesia Fire Danger Rating System (Ina-FDRS), a New Algorithm for the Fire Prevention in Indonesia	Hazard	IC-01	IC-01-005
6	14.45 - 15.00	Mega Novetrishka Putri	Badan Pengkajian dan Penerapan Teknologi	Indonesia	Akuntansi Sumber Daya Alam untuk Indonesia Fire Danger Rating System (Ina-FDRS) pada Lahan Gambut	Hazard	IC-01	IC-01-006

7	15.00 - 15.15	Azalea Eugenie	BPPT	Indonesia	Analisis Spasial Potensi Kebakaran Hutan dan Lahan yang Diakibatkan oleh Perilaku Manusia untuk Pengembangan Indonesia Fire Danger Rating System (Ina-FDRS) di Lahan Gambut	Hazard	IC-01	IC-01-007
15.15 - 15.30		<i>COFFE BREAK</i>						
8	15.30 - 15.45	Ibrahim Djamaluddin	Department of Environmental Engineering, Hasanuddin University, Indonesia	Indonesia	Modeling 3D Faults for Seismic Hazard Assessment in GIS	Hazard	IC-01	IC-01-008
9	15.45 - 16.00	Khalifah Insan Nur Rahmi	Remote Sensing Application Centre, LAPAN	Indonesia	Analysis of Standardized Precipitation Index (SPI) Parameter from Chirps Data for Drought Detection	Hazard	IC-01	IC-01-009
10	16.00 - 16.15	Emi Ulfiana	Sekolah Tinggi Meteorologi Klimatologi dan Geofisika, Badan Meteorologi Klimatologi dan Geofisika	Indonesia	The Connected of Coulomb Stress Changes with Its Aftershocks (Lebak Earthquake : Januari 23, 2018)	Hazard	IC-01	IC-01-010
11	16.15 - 16.30	Irwan	Makassar GIS Community, Tadulako University	Indonesia	Relationship Between Vegetation Area Conversion and Land Surface Temperature In Makassar City Using Landsat 8 Satelite Imagery	Hazard	IC-01	IC-01-011
12	16.30 - 16.45	Udhi Catur Nugroho	National Institute of Aeronautics and Space (LAPAN)	Indonesia	Differential Interferometry Synthetic Aperture Radar (DinSAR) to Identify Deformation after Lombok Earthquake	Hazard	IC-01	IC-01-012
13	16.45 - 17.00	Lukman Hakim	Universitas Gadjah Mada	Indonesia	Application of Generalized Additive Model (GAM) for Cetacean Stranding Mapping in Indonesian Coast	Environmental Science	IC-02	IC-02-006

Location : Room 2

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	13.30 - 13.45	Cyntia	Indonesian State of Meteorology Climatology and Geophysics	Indonesia	Uplift of 2018 – Lombok Earthquakes Measured from Differential Interferometry Synthetic Aperture Radar	Hazard	IC-01	IC-01-014
2	13.45 - 14.00	Widya Eka Prativi	Remote Sensing Technology and Data Center, LAPAN	Indonesia	Information System of Remote Sensing Data Provisioning for Disaster Management	Hazard	IC-01	IC-01-015
3	14.00 - 14.15	Agustan	BPPT	Indonesia	Ground Deformation Identification related to 2018 Lombok Earthquake Series based on Sentinel-1 Data	Hazard	IC-01	IC-01-016
4	14.15 - 14.30	Kautsar Nafi	Sekolah Tinggi Meteorologi Klimatologi dan Geofisika	Indonesia	Banjarnegara Landslide Studies with Resistivity Method	Hazard	IC-01	IC-01-017
5	14.30 - 14.45	Munawaroh	Indonesian Geospatial Agency	Indonesia	The Analysis Of Watershed Vulnerability Based On Geomorphometry And Landslide Susceptibility In Bogowonto Watershed	Hazard	IC-01	IC-01-018
6	14.45 - 15.00	G. Fajar Suryono	Pusat Teknologi Pengembangan Sumber Daya Wilayah, BPPT	Indonesia	Perapatan Data Meteorologi Guna Meningkatkan Skala Informasi pada Indeks Cuaca Kebakaran (FWI) untuk Indonesia Fire Danger Rating System (Ina-FDRS) di Lahan Gambut	Hazard	IC-01	IC-01-019
7	15.00 - 15.15	Sandri Hidayat	Department of Geological Engineering, Faculty of Engineering, Hasanuddin University	Indonesia	Landslide Vulnerability Mapping with Frequency Ratio and Logistic Regression Methods in Hambalang Region, Citeureup District, Bogor Regency, West Java Province	Hazard	IC-01	IC-01-020
	15.15 - 15.30	<i>COFFE BREAK</i>						

8	15.30 - 15.45	Wahyu Widi Astuti	Universitas Indonesia	Indonesia	Water Critical Level in Karst Gombong Selatan and Surrounding Area Kebumen Regency	Environmental Science	IC-02	IC-02-001
9	15.45 - 16.00	Samsuri	Universitas Sumatera Utara	Indonesia	Lands degradation index of degraded tropical forest landscape in Batang Toru watershed Using Spatial Analysis	Environmental Science	IC-02	IC-02-002
10	16.00 - 16.15	Muh Nur Fitriah	Environmental Management, Departement of Marine Science Hasanuddin University.	Indonesia	Time Series Assessment of Mangrove Carbon Biomass stock on Small Island, Spermonde Archipelago Using Landsat And Sentinel Imagery	Environmental Science	IC-02	IC-02-003
11	16.15 - 16.30	Giant Nugroho Wijayanto	Geographic Information Science Department, Faculty of Geography, Universitas Gadjah Mada	Indonesia	Planting calendar modelling for rice productivity estimation based on sentinel 2A image and landscape ecology approach in Solok Regency	Environmental Science	IC-02	IC-02-004
12	16.30 - 16.45	Suparjo Razasli Carong	Universitas Sulawesi Barat	Indonesia	Analysis Of Mangrove Forest Ecosystem Damage In Polewali Mandar Regency Through Environmental Science Approach	Environmental Science	IC-02	IC-02-005

Location : Room 3

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	13.30 - 13.45	Sepanie Putiamini	Agency for the assessment and application of technology (BPPT)	Indonesia	Estimation of Peatland Distribution Using Ratio Dual-pol from Sentinel-1A	Natural Resources	IC-03	IC-03-002
2	13.45 - 14.00	Dionysius Bryan Sencaki	Center for Regional Resource Development Technology (CRRDT) – Agency for the Assessment and Application of Technology (BPPT)	Indonesia	Corn Species Discrimination Using Field Hyperspectral Data	Natural Resources	IC-03	IC-03-003
3	14.00 - 14.15	Tatik Kartika	Remote Sensing Application Center LAPAN	Indonesia	Analysis of Vegetation Indices Using Metric Landsat-8 Data to Identify Landcover Change in Riau Province	Natural Resources	IC-03	IC-03-004
4	14.15 - 14.30	Nugraheni Setyanigrum	Agency for the Assessment and Application of Technology	Indonesia	Relationship Analysis Of Ground Water Level From In Situ and Remote Sensing Data in Central Kalimantan's Peatlands	Natural Resources	IC-03	IC-03-005
5	14.30 - 14.45	Dr Rizatus Shofiyati	Indonesian Center of Agricultural Land Resources Research and Development (ICALRD) - MoA	Indonesia	EVI and NDWI Of Landsat-8 for Identifying Growth Phase of Corn in Sumenep, East Java Province	Natural Resources	IC-03	IC-03-006
6	14.45 - 15.00	Risma Neswati	Department of Soil Science, Hasanuddin University Makassar	Indonesia	GIS-Based Analysis of Land Suitability for Cocoa Development in South Sulawesi	Natural Resources	IC-03	IC-03-007
7	15.00 - 15.15	Ita Carolita	Remote Sensing Application Center, LAPAN	Indonesia	The Comparison of Oil Palm Mapping in Flat Area and Undulating Area by using TERRA SAR X	Natural Resources	IC-03	IC-03-008

15.15 - 15.30		<i>COFFE BREAK</i>						
8	15.30 - 15.45	Nurmiaty	Pangkep State Polytechnic of Agriculture	Indonesia	Reliability of Fuzzy Set Method and Multi Criteria Decision Making in Predicting The Potential Farm	Natural Resources	IC-03	IC-03-009
9	15.45 - 16.00	Hafidh Muhammad Hakim	Sustainability Implementation Division SMART Tbk	Indonesia	Land Use Change Detection Method with Object-Based Image Analysis (OBIA) using Landsat 7 and Landsat 8	Natural Resources	IC-03	IC-03-010
10	16.00 - 16.15	Habib Subagio	Badan Informasi Geospasial	Indonesia	Spatial Dynamics Model for Sustainability Analysis of Urban Settlements Case Study of Surabaya Urban Wetlands, Indonesia	Natural Resources	IC-03	IC-03-011
11	16.15 - 16.30	Wisnu Ali Martono	BPP Teknologi	Indonesia	Natural Resources Accounting for Paddy Creation in Siak Regency's Peatland	Social Economic Science and Policy	IC-04	IC-04-001
12	16.30 - 16.45	Rahmatia Susanti	Department of Geography, Faculty of Mathematic and Natural Science, University of Indonesia	Indonesia	Evaluation of Natural Tourism Object Potential in Samosir Regency Using Remote Sensing And Gis	Social Economic Science and Policy	IC-04	IC-04-002

Location : Room 4

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	13.30 - 13.45	Ellen Suryanegara	Geospatial Information Agency (BIG)	Indonesia	Potentiality Of The Micro Hydro Power Plant Development Based On Local Community Capacity (Case Study in Paweden Village, Banjarnegara, Central Java)	Social Economic Science and Policy	IC-04	IC-04-004
2	13.45 - 14.00	Nurwadjedi Sarbini	Geospatial Information Agency	Indonesia	Verification of The Rice Field Map Using High Resolution Satellite Imageries	Social Economic Science and Policy	IC-04	IC-04-005
3	14.00 - 14.15	Samsu Arif	MAPIN Sulsel	Indonesia	Integration of Artificial Neural Network and Fuzzy Set Change Prediction in building Sustainable Food Protection Management Model	Social Economic Science and Policy	IC-04	IC-04-006
4	14.15 - 14.30	Ellen Suryanegara	Geospatial Information Agency (BIG)	Indonesia	Characteristics and Opportunities for Development of Rice Farming in Lebak Swamp Case Study: Rambutan District, Banyuasin, South Sumatra	Social Economic Science and Policy	IC-04	IC-04-007
5	14.30 - 14.45	Muchammad Soleh	Remote Sensing Technology and Data Center LAPAN, Indonesia	Indonesia	Standard of LAPAN Remote Sensing Ground Station Towards Standardization of the Indonesian National Remote Sensing Ground Station	Mapping and Geospatial Information	IC-05	IC-05-001
6	14.45 - 15.00	Aditya Saputra	Geography Faculty, Universitas Muhammadiyah Surakarta	Indonesia	Structure from motion (SfM) technique to support land cover mapping	Mapping and Geospatial Information	IC-05	IC-05-002
7	15.00 - 15.15	Shadiq Ali	Indonesian National Institute of	Indonesia	Digital Elevation Model (DEM) Generation with Repeat Pass Interferometry Method Using TerraSAR-X/Tandem-X (Study Case in Bandung Area)	Mapping and Geospatial Information	IC-05	IC-05-003

			Aeronautics and Space					
	15.15 - 15.30	<i>COFFE BREAK</i>						
8	15.30 - 15.45	Shadiq Ali	Indonesian National Institute of Aeronautics and Space	Indonesia	Digital Elevation Model (DEM) Generation with Repeat Pass Interferometry Method Using TerraSAR-X/Tandem-X (Study Case in Bandung Area)	Mapping and Geospatial Information	IC-05	IC-05-003
9	15.45 - 16.00	Poppy Indrayani	Department of Architecture Engineering, Fajar University	Japan	Mapping the Land-Use Changes in the Makassar Region Using Grid Mesh Model	Mapping and Geospatial Information	IC-05	IC-05-004
10	16.00 - 16.15	Rani Rahim Suryandari	Faculty of Geography, Universitas Gadjah Mada	Indonesia	Analysis of Green Open Space Relationships with Physical Comfort Levels Using The Humidity Index Method Through Remote Sensing Images And GIS	Mapping and Geospatial Information	IC-05	IC-05-005
11	16.15 - 16.30	Marendra Eko Budiono	LAPAN	Indonesia	Operation of Earth Observation by Terrasar-X/Tandem-X in Indonesia	Mapping and Geospatial Information	IC-05	IC-05-006
12	16.30 - 16.45	Sumargana	BPPT	Indonesia	Ground Penetrating Radar Mapping of Peat Depth at Burnai-Sibumbang River Peatland Hydrological Area Ogan Komering Ilir	Mapping and Geospatial Information	IC-05	IC-05-007



Location : Room 5

No	Time	Authors	Affiliation	Country	Title	Topics	Code	ID Paper
1	13.30 - 13.45	Aninda Wisaksanti Rudiastuti	Badan Informasi Geospasial	Indonesia	Mangrove forest mapping at Kei Island, Maluku: an accuracy assessment using remote sensing data	Mapping and Geospatial Information	IC-05	IC-05-009
2	13.45 - 14.00	Daud Yusuf	Geography Education Study Program, Department of Earth Science and Engineering, Faculty of Mathematics and Natural Sciences, Universitas Negeri Gorontalo	Indonesia	Analysis of Types and Condition of Seagrass on Northern Gorontalo Outer Islands	Mapping and Geospatial Information	IC-05	IC-05-010
3	14.00 - 14.15	Sa'dianoor	Defense Science, Indonesian Defense University	Indonesia	Combination of GPS Navigation and Remote Sensing Survey Data for Making Village Road Paths in The Meratus Mountains Region	Mapping and Geospasial	IC-05	IC-05-011
4	14.15 - 14.30	Agustan	Center of Technology for Regional Resources Development (PTPSW) – BPPT	Indonesia	Paddy Growth Stages Identifinication Based on Change Detection Method of Dual Polarization Sentinel-1A Data	Mapping and Geospasial	IC-05	IC-05-012
5	14.30 - 14.45	Dede Dirgahayu	Remote Sensing Application Center, LAPAN	Indonesia	Detection Paddy Field Using SAR Sentinel 1 Data	Mapping and Geospasial	IC-05	IC-05-013
6	14.45 - 15.00	Dipo Yudhatama	Remote Sensing Application Centre, LAPAN	Indonesia	Utilization of Drone / UAV Technology for Detail Scale Sea Map in Strategic Beach Area (Case Study: Indonesia Navy Base, Pondok Dayung)	Mapping and Geospasial	IC-05	IC-05-014
7	15.00 - 15.15	Anwar Santoso	LAPAN	Indonesia	Accuracy Analysis of The Ionospheric Mitigation Effect On Ppp Rtklib Using Klobutchar Model and Ionosphere Free Lc Method	GPS and Global Navigation Satellite Systems	IC-06	IC-06-001
	15.15 - 15.30	<i>COFFE BREAK</i>						

8	15.30 - 15.45	Yuwono	Department of Geomatics Engineering, Institut Teknologi Sepuluh Nopember	Indonesia	Assessment of The Single Frequency Low Cost GPS RTK Positioning	GPS and Global Navigation Satellite Systems	IC-06	IC-06-002
9	15.45 - 16.00	Yatin Suwarno	Geospatial Information Agency	Indonesia	Mapping The Potential of Micro Hydro Electric Power on Ungauge Streams Through The Application of Hydrological Models And Geographic Information System	Geographic Information Systems (GIS)	IC-07	IC-07-001
10	16.00 - 16.15	Dian Utari	Universitas Gadjah Mada	Indonesia	Integration of Remote Sensing and GIS for Analysis of Settlement Development Based on Land Suitability Aspect in Kecamatan 2 X 11 Kayu Tanam, Padang Pariaman	Geographic Information Systems (GIS)	IC-07	IC-07-002
11	16.15 - 16.30	Irwan	Makassar GIS Community, Laboratory Regional Planning Tourism and Disaster Mitigation UNHAS	Indonesia	Challenges and Opportunities in Switching to Public Transportation Mode for Makassar Commuters- Travel behavior changing and GIS Approach	Geographic Information Systems (GIS)	IC-07	IC-07-003
12	16.30 - 16.45	Yue Cai	School of Civil Engineering, Beijing Jiaotong University	China	Modeling 4D Ground Surface Deformation due to Underground Coal Mining	Geographic Information Systems (GIS)	IC-07	IC-07-004

Location : Room 6

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	13.30 - 13.45	Abdul Rachman Rasyid	Hasanuddin University	Indonesia	Assessing landslide susceptibility mapping using temporal validation	Geographic Information Systems (GIS)	IC-07	IC-07-006
2	13.45 - 14.00	Ilham Alimuddin	Teknik Geologi Universitas Hasanuddin	Indonesia	Flood Modeling of Pare Pare City	Geographic Information Systems (GIS)	IC-07	IC-07-007
3	14.00 - 14.15	Irwan	Makassar GIS Community, Laboratory Regional Planning Tourism and Disaster Mitigation UNHAS	Indonesia	Relationship Between Vegetation Area Conversion and Land Surface Temperature in Makassar City Using Landsat 8 Satellite Imagery	Geographic Information Systems (GIS)	IC-07	IC-07-008
4	14.15 - 14.30	Albertus Sulaiman	Pusat Teknologi Pengembangan Sumberdaya Wilayah BPPT	Indonesia	On The Estimation of Indonesia Peatland Forest Carbon Emission based on Soil Moisture Active Passive Satellite Images	Sensor Platform	IC-08	IC-08-001
5	14.30 - 14.45	Yuvita Dian Safitri	Lembaga Penerbangan dan Antariksa Nasional (LAPAN)	Indonesia	Automated-Monitoring Design of Acquisition Service Level Agreement (SLA) for Landsat-8 Satellite at Rumpin Remote Sensing Ground Station	Sensor Platform	IC-08	IC-08-002
6	14.45 - 15.00	Giant Nugroho Wijayanto	Geographic Information Science Department, Faculty of Geography, Universitas Gadjah Mada	Indonesia	Backlight Photo Analysis for vegetation density estimation: case study in Dlingo and Imogiri District	Sensor Platform	IC-08	IC-08-003

7	15.00 - 15.15	Agung Setianto	Geological Engineering, Faculty of Engineering, Gadjah Mada University	Indonesia	Application of Airborne LiDAR to Analysis of Surface Lithology Distribution A Case Study on Bayah Region, Lebak District	Sensor Platform	IC-08	IC-08-004
	15.15 - 15.30	<i>COFFE BREAK</i>						
8	15.30 - 15.45	Asnawi Husin	LAPAN	Indonesia	Ionospheric Scintillation Effect on Velocity Displacement Estimation Using GNSS Variometric Method	Sensor Platform	IC-08	IC-08-005
9	15.45 - 16.00	Hidayat Gunawan	Remote Sensing Technology and Data Centre (Pustekdata), National Institute of Aeronautics and Space (LAPAN)	Indonesia	National Remote Sensing Ground Station System For Satellite Data Receiving Based on Virtual Ground Station In order to Support National Remote Sensing Data Bank	Sensor Platform	IC-08	IC-08-006
10	16.00 - 16.15	Zulfikri Isnaen	Faculty of Geography, Universitas Gadjah Mada	Indonesia	Vegetation Transformation Index From Near Infrared Photos Using Uav For Rice Planting Rotation Mapping: A Case Study Of Sumberarum Village	Sensor Platform	IC-08	IC-08-007
11	16.15 - 16.30	S Putiamini	Agency for the assessment and application of technology (BPPT)	Indonesia	Estimation Of Dielectric Constant Using Dual-pol Sentinel-1A In Tropical Peatland	Sensor Platform	IC-08	IC-08-008
12	16.30 - 16.45	Donna Monica	Pusat Teknologi dan Data Penginderaan Jauh Lembaga Penerbangan dan Antariksa Nasional	Indonesia	Automation of Preprocessing Data of Jpss-1 From Raw Level To Sdr Level In Pustekdata Lapan	Sensor Platform	IC-08	IC-08-009

## 2nd Day (Wednesday, October 31<sup>th</sup> 2018)

Location : Room 1

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	10.00 - 10.15	S Putiamini	Agency for the assessment and application of technology (BPPT)	Indonesia	Estimation of Peatland Distribution Using Ratio Dual-pol from Sentinel-1A	Sensor Platform	IC-08	IC-08-011
2	10.15 - 10.30	Ali Syahputra Nasution	Remote Sensing Technology and Data Center, LAPAN	Indonesia	Virtual Based National Remote Sensing Ground Station Integration Review (Full Remote and Nearly Automation)	Method development and Image Processing	IC-09	IC-09-001
3	10.30 - 10.45	Andy Indradjad	Remote Sensing Technology and Data Center - LAPAN	Indonesia	A comparison of Satellite Image Compression methods in the Wavelet Domain	Method development and Image Processing	IC-09	IC-09-002
4	10.45 - 11.00	Masita Dwi Mandini Manessa	Geography Department, Indonesia University	Indonesia	Optimization of Random Forest Algorithm for Multispectral Derived Bathymetry	Method development and Image Processing	IC-09	IC-09-003
5	11.00 - 11.15	Andy Indradjad	Remote Sensing Technology and Data Centre (Pustekdata), National Institute of Aeronotics and Space (LAPAN)	Indonesia	Development of National Forest/Land Fire Monitoring System Using Remote Sensing Satellite Data (Terra/Aqua Modis and SNPP) by Nearly Automation and Nearly Realtime	Method development and Image Processing	IC-09	IC-09-004
6	11.15 - 11.30	Kurnia Ulfa	Pustekdata LAPAN, IAIN Parepare	Indonesia	A Comparison of Haze Detection Method Between Ahot And Ihot of Geoeeye Imagery	Method development and Image Processing	IC-09	IC-09-005
7	11.30 - 11.45	Irwan	Geology Department Hasanuddin University, Makassar GIS Community	Indonesia	The application of Sentinel 2B satellite imagery using Supervised Image Classification of Maximum Likelihood Algorithm in Landcover Updating of The Mamminasata Metropolitan Area , South Sulawesi	Method development and Image Processing	IC-09	IC-09-006
8	11.45 - 12.00	Randy Prima Brahmantara	Remote Sensing Technology and Data Center, LAPAN	Indonesia	Analysis of SPOT 6 Imagery Registration Results with Very High Resolution Satellite Imagery	Method development and Image Processing	IC-09	IC-09-007
<b>LUNCH</b>								

Location : Room 2

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	10.00 - 10.15	Inggit Lolita Sari	Remote Sensing Technology and Data Center, LAPAN	Indonesia	Implementation of Tie Points to Create a Mosaic of Pleiades Satellite Imageries	Method development and Image Processing	IC-09	IC-09-008
2	10.15 - 10.30	Kurniawan Budi Santoso	Department of Geographic Information Science, Faculty of Geography, Universitas Gadjah Mada, Yogyakarta	Indonesia	Comparison of Several Water Indices Capability in Extracting Water Body Boundary Using Landsat Imagery From 1999 To 2018 In Poso Lake, Central Sulawesi	Method development and Image Processing	IC-09	IC-09-009
3	10.30 - 10.45	Arief Wicaksono	Department of Geographic Information Science, Faculty of Geography, Universitas Gadjah Mada, Yogyakarta	Indonesia	Geometric Accuracy Assessment for Shoreline derived from NDWI, MNDWI, and AWEI Transformation on Various Coastal Physical Typology in Jepara Regency using Landsat 8 OLI Imagery in 2018	Method development and Image Processing	IC-09	IC-09-010
4	10.45 - 11.00	Muhammad Kamal	Faculty of Geography, Universitas Gadjah Mada, Yogyakarta Indonesia	Indonesia	Development of Field Spectrometer Acquisition Procedure for Mangrove Species Identification	Method development and Image Processing	IC-09	IC-09-011
5	11.00 - 11.15	fadila	National Institute of Aeronautics and Space (LAPAN) - Indonesia	Indonesia	Comparison of Atmospheric Correction Models: Flaash And 6s Code On Detection Crop Field In West Java	Method development and Image Processing	IC-09	IC-09-012
6	11.15 - 11.30	Samsul Arifin	Remote Sensing Utilization Center, LAPAN	Indonesia	Land Drought Detection Model Using Landsat-8 and LAPAN-A3 / IPB Satellite Data	Method development and Image Processing	IC-09	IC-09-013
7	11.30 - 11.45	Putri Rahmadani	Surveying and Cadastre Research Group, Department of Geodesy and Geomatic Engineering, Faculty of Earth and Science Technology, Institut Teknologi Bandung	Indonesia	Incremental Improvement of Aerial Photo for Partisipatory Mapping In Land Registration	Method and Development	IC-09	IC-09-014
8	11.45 - 12.00	Dhimas Wiratmoko	Indonesian Oil Palm Research Institute	Indonesia	Estimating Oil Palm Leaves Chlorophyll and Magnesium Content using RGB Aerial Photograph	Method development and Image Processing	IC-09	IC-09-015
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Location : Room 3

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	10.00 - 10.15	Agus	Research Center for Regional Development and Spatial Information, Hasanuddin University	Indonesia	Coral Reef Mapping Geomorphic Zones Approach with OBIA Method On Small Islands, Spermonde Archipelago, South Sulawesi Indonesia	Coastal and Marine	IC-10	IC-10-001
2	10.15 - 10.30	Dwi Fajriyati Inaku	Research Center for Regional Development and Spatial Information, Hasanuddin University. Faculty of Marine Science and Fisheries, Hasanuddin University	Indonesia	A Twenty-Year Evaluation of Shoreline Changes at Barrang Caddi Island in Spermonde Archipelago From Satellite Imagery	Coastal and Marine	IC-10	IC-10-002
3	10.30 - 10.45	Syazwi Qutbhi Al Azizi	Urban Planning Department Hasanuddin University, Marine Science Department Hasanuddin University, Center for Regional Development and Spatial Information Hasanuddin University, National Aeronautics	Indonesia	Efficiency Spot 6 and Sentinel 2 Imagery For Vegetation And Urban Detection in Coastal Area	Coastal and Marine	IC-10	IC-10-003
4	10.45 - 11.00	Rima Hermayani	Gadjah Mada University	Indonesia	Sentinel-1a Analysis For Mangrove Above Ground Carbon Estimation in Kemujan Island Karimunjawa National Park	Coastal and Marine	IC-10	IC-10-004
5	11.00 - 11.15	Zhafirah Zhafarina	Faculty of Geography, Gadjah Mada University	Indonesia	Carbon Stock Estimation of Seagrass Species Thalassia Hempricii Using Planet Imagery With Band Ratio Transformation In Nirwana Beach Padang City	Coastal and Marine	IC-10	IC-10-005
6	11.15 - 11.30	Syifa Adawiah	Remote Sensing Application Center, LAPAN	Indonesia	Spectral Pattern of Trios Ramses in The Coastal Zone of Bekasi Regency And Its Relation Of TSS Concentration	Coastal and Marine	IC-10	IC-10-006

7	11.30 - 11.45	Fredrik Dominggus Teramahi	Department of Geography, Faculty of Mathematics and Natural Sciences, University of Indonesia	Indonesia	Evaluation of Water Salinity Algorithm using Sentinel 2a and Landsat Optical Images (Case Study: West Coast Alor Island)	Coastal and Marine	IC-10	IC-10-007
8	11.45 - 12.00	Muhammad Fuad Islami	Indonesian Agency for Meteorology Climatology and Geophysics (BMKG)	Indonesia	Aqua Modis and Altimetry Satellite Data Utilization For Determining The Effective Time and Area of Fishing in South Sulawesi	Coastal and Marine	IC-10	IC-10-008
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Location : Room 4

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	10.00 - 10.15	Nanin Anggraini	Remote Sensing Application Center, LAPAN	Indonesia	Analysis of Sea Surface Temperature and Chlorophyll-A In Indramayu Coast to Determination Suitabilty Area of Aquaculture	Coastal and Marine	IC-10	IC-10-009
2	10.15 - 10.30	Fatma Jamil	Geophysics Study Program, Hasanuddin University	Indonesia	Enso Impacts During West and East Monsoon to The Ocean Current and Water Mass Characteristics in The Makassar Strait	Coastal and Marine	IC-10	IC-10-010
3	10.30 - 10.45	Tito Kanekaputra	Universitas Gadjah Mada	Indonesia	Field Spectral Reflectance Measurement Distance Effect to The Mangrove Species Mapping	Coastal and Marine	IC-10	IC-10-011
4	10.45 - 11.00	Devica Natalia Br Ginting	Remote Sensing Application Center, Indonesia National Institute of Aeronautics and Space (LAPAN)	Indonesia	Extraction of Bathymetry Information Using Lapan-A3/IPB Satellite Imagery	Coastal and Marine	IC-10	IC-10-012
5	11.00 - 11.15	Pramaditya Wicaksono	Department of Geographic Information Science, Faculty of Geography, Universitas Gadjah Mada	Indonesia	Variations of Seagrass Species Reflectance Spectra As The Function of Chlorophyll Concentration Changes	Coastal and Marine	IC-10	IC-10-013
6	11.15 - 11.30	Kuncoro Teguh Setiawan	Remote Sensing Application Center, LAPAN	Indonesia	Testing The Accuracy of Remotely Sensed Bathymetry Data by Comparison to Field Measurements of Actual Depth	Coastal and Marine	IC-10	IC-10-014
7	11.30 - 11.45	Wikanti Asriningrum	Remote Sensing Application Center, LAPAN	Indonesia	Image Processing Modelling in Shelf Reef Landform of Seribu Islands	Coastal and Marine	IC-10	IC-10-015
8	11.45 - 12.00	Kuncoro TS	Remote Sensing Application Center, LAPAN	Indonesia	Extraction of Coral Reefs Ecosystem Information Using High Resolution Image	Coastal and Marine	IC-10	IC-10-016
<b>LUNCH</b>								

Location : Room 5

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	10.00 - 10.15	Ferry Sobatnu	Polytechnic Banjarmasin, Brigjend. Hasan Basri of Street, South Kalimantan	Indonesia	Aqua Modis Image Processing for Making Fishing Ground Zone Map of Kintap Tanah Laut Subdistrict	Coastal and Marine	IC-10	IC-10-017
2	10.15 - 10.30	Andi Laksamana Adlyansah	Geological Engineering, Hasanuddin University	Indonesia	AHP-based FIGUSED Factor Model for Flood Risk Assessment: Flood Mitigation in Parepare City, South Sulawesi Province	Hazard	IC-01	IC-01-004
3	10.30 - 10.45	Aninda W. Rudiastuti	Badan Informasi Geospasial	Indonesia	Spatial Distribution of Tidal Types in Indonesia using Altimetry Data	Coastal and Marine	IC-10	IC-10-019
4	10.45 - 11.00	Rizky Faristyawan	Lembaga Penerbangan dan Antariksa Nasional	Indonesia	Water Quality and Spectral Reflectance Measurements Using WISP-3 in Muara Gembong	Sensor Platform	IC-08	IC-08-010
5	11.00 - 11.15	Syamsu Rijal	Lecturer of Forestry Faculty, Hasanuddin University		Spatial Deforestation Models Based On Social Factors In South Sulawesi And West Sulawesi Period 1990-2016	Environmental Science	IC-02	IC-02-012
6	11.15 - 11.30	Suci Anugrah Yanti	Urban and Regional Planning Departmen, Hasanuddin University	Indonesia	Development Direction of Gunung Nona Tourism Area Based On Landslide Mitigation	Environmental Science	IC-02	IC-02-007
7	11.30 - 11.45	Abdi Sukmono	Department of Geodetic Engineering, Faculty of Engineering, Diponegoro University	Indonesia	Study The Effect of Erosion in Kali Serang Watershed To The Water Quality in Kedung Ombo Reservoir Using Landsat 8 Imagery	Environmental Science	IC-02	IC-02-008
8	11.45 - 12.00	Herawaty Riogilang	Civil Engineering Department, Sam Ratulangi University	Indonesia	Analysis of The Quality of River Water and The Strategy of Control River Pollution in Nuangan Boltim	Environmental Science	IC-02	IC-02-009
<b>LUNCH</b>								

Location : Room 6

No	Time	Authors	Afiliation	Country	Title	Topics	Code	ID Paper
1	10.00 - 10.15	Dyah Luhmayang Sari Rahmaningsih	Universitas Gadjah Mada	Indonesia	Comparison of Multiscale Run-Up Tsunami Modelling Case Study Painan City, West Sumatera	Hazard	IC-01	IC-01-013
2	10.15 - 10.30	Aura Purify	Universitas Hasanuddin	Indonesia	Water Bird's Habitat Suitability in Mangrove Ecotourism Area using Remote Sensing and GIS	Natural Resources	IC-03	IC-03-001
3	10.30 - 10.45	Sitarani Safitri	Geodesy and Geomatics Engineering, Institute of Technology Bandung	Indonesia	Suitability Model using Support Vector Machine for Land Use Planning Scenarios in Java Island, Indonesia	Social Economic Science and Policy	IC-04	IC-04-003
4	10.45 - 11.00	Dede Dirgahayu	Remote Sensing Application Center, LAPAN	Indonesia	Detection Phase Growth of Paddy Crop Using SAR Sentinel 1 Data	Mapping and Geospatial Information	IC-05	IC-05-008
5	11.00 - 11.15	Danang Budi Susetyo	Geospatial Information Agency (BIG)	Indonesia	Specification of Map Generalization from Large Scale to Small Scale Based on Existing Data	Geographic Information Systems (GIS)	IC-07	IC-07-005
6	11.15 - 11.30	Daisy Puji Vicayana	Student of Forestry Faculty, Hasanuddin University, Makassar	Indonesia	Spatial Patterns Analysis of Deforestation in Palopo City and East Luwu District	Environmental Science	IC-02	IC-02-013
7	11.30 - 11.45	Afifuddin	BPPT	Indonesia	Is Land and Forest Fire in Ogan Komering Ilir Region, Southern Sumatera, Affected by Climate Change?	Environmental Science	IC-02	IC-02-010
8	11.45 - 12.00	Projo Danoedoro	Faculty of Geography, Universitas Gadjah Mada	Indonesia	Mapping of Invasive Species (Arenga Obtusifolia) in Javan Rhinos Habitat, Ujung Kulon West Java, Based on Landsat-8 Image Analysis And GIS	Environmental Science	IC-02	IC-02-011
<b>LUNCH</b>								