

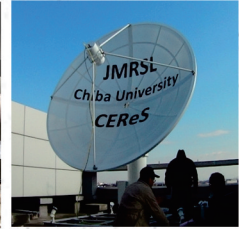
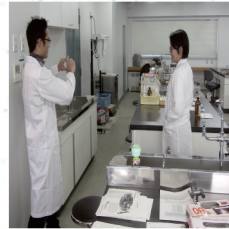
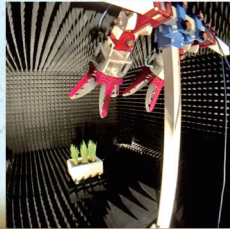
Proceedings of

The 7th Indonesia Japan Joint Scientific Symposium

The 24th CEReS International Symposium

The 4th Symposium on Microsatellite for Remote Sensing (SOMIRES 2016)

The 1st Symposium on Innovative Microwave Remote Sensing



November 21-24, 2016

Keyaki Convention Hall, Chiba University

Organizers

Center for Environment Remote Sensing, Chiba University, Japan

Sister Universities of Chiba University

(UI, IPB, ITB, Unpad, UGM, Undip, ITS, Unud, Unhas, UNS, UIR, BMKG)



The 7th Indonesia Japan
Joint Scientific Symposium
(IJSS 2016)
Chiba, 20-24 November 2016

Preface

The 7th Indonesia Japan Joint Scientific Symposium (IJSS 2016), the 24th CEReS International Symposium, the 4th Symposium on Microsatellite for Remote Sensing (SOMIRES), and the Symposium on Innovative Microwave Remote Sensing were held on the Nishi-Chiba campus of Chiba University, Japan, during 20-24 November 2016. These symposia focused on providing a forum to share and discuss recent issues and developments in various fields of science and technology.

IJSS has been held since 2004 and now it has become one of the successful regional symposia co-organized by two countries – Indonesia and Japan. In IJSS 2016, a total of 160 papers that have gone through review process are presented. In each of the 29 sessions, enthusiastic and stimulating discussions have led to the exchange of innovative ideas and advancement of the state of knowledge among students and researchers from universities in Japan, Indonesia, and other countries.

Generous supports for the conference were provided by Kabupaten Siak, Bank Riaukepri, Katoro, APPJ, Dental Support, Chiba Soy Sauce Union, and Kominato Railway. On behalf of the IJSS local organizing team, I would like to express my sincere gratitude to their supports, which greatly contributed to the participation of young scientists.

Finally, I would like to thank all the proceedings team members who have dedicated their effort and time to bring the manuscripts into the form of a book. This book will serve as a long-lasting credit to the achievements of IJSS 2016.

Professor Hiroaki Kuze, Dr. Sc.,

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Contents and Schedule

**The 7th Indonesia–Japan Joint Scientific Symposium
The 24th CERE^S International Symposium
The 4th Symposium on Microsatellites for Remote Sensing
The Symposium on Innovative Microwave Remote Sensing**

November 21-24, 2016
Keyaki Convention Hall, Chiba University

Monday, November 21	
09:30-12:00	Opening Ceremony (Moderator : Dr Takenobu Aoki and Meidesta Pitria)
	Opening Remark : General Chairman Prof Hiroaki Kuze
	Opening Speech : Rector of Chiba University – Prof Takeshi Tokuhisa
	Opening Speech : Vice President of University of Indonesia – Prof Bambang Wibawarta
	Inauguration Ceremony of New Sister University : Universitas Islam Riau (UIR) – Chiba University
	Inauguration Ceremony of International Collaboration : Regency of Siak – Center for Environmental Remote Sensing
	Keynote Speech (1) – Prof Yoshifumi Yasuoka Keynote Speech (2) – Prof Eko Tjipto Rahardjo Keynote Speech (3) – Drs. H. Syamsuar, M.Si
11:45-12:00	Symposium Memorial Photograph
12:00-13:30	Lunch
13:30-17:00	Laboratory / Research center visiting Prof Hiroaki Kuze – Lidar Facility Prof Josaphat Tetuko Sri Sumantyo – Microwave Remote Sensing Facility Prof Hitoshi Irie – Atmospheric Research Facility Prof Atsushi Higuchi – Himawari-8 Facility (Dr Koichi Toyoshima) Prof Naoko Saito – GOSAT Facility Prof Katsumi Hattori – Geohazard Research Prof Shogo Shimazu – Chemistry Research Facility Prof Hiroshi Asanuma – Mechanical Engineering Prof Motoi Machida – Chemistry Research Facility (22 November 2016 08:00 to 15:30)
13:30-15:00	Alumni Meeting – 3F Reception Hall (Prof Ryoko Niikura) Opening speech – Rector of Chiba University : Prof Takeshi Tokuhisa

Monday, November 21	
15:00-17:00	Business Forum - Keyaki Kaikan Hall (Prof. Kenichi Sakakibara) <ul style="list-style-type: none"> - Bank Riau Kepri - Kabupaten Siak - Kantodensi - APPJ - Dental Support (Prof. Takeshi UCHIDA, R.Ph., Ph.D) <i>"The Challenge of Medical and Care Supporting System Japanese Hyper Aging Society"</i> – BF001
17:00-19:00	Welcome party – 3F Reception Hall Opening speech : <ul style="list-style-type: none"> - Rector of Chiba University : Prof Takeshi Tokuhisa - General Chairman : Prof Hiroaki Kuze - Kanpai (Opening toast) : Prof Ryutaro Tateishi Japanese traditional dance : <ul style="list-style-type: none"> - Fuuryuu Funazoroi – Fujima Kanhiroyuki Indonesian traditional dance : <ul style="list-style-type: none"> - Gunung Sari – Siina Takanobu Introduction of delegations
Tuesday, November 22	
09:30-16:00	Parallel Oral Presentation Session
16:00-17:00	Poster session
17:00-19:00	Banquet – 3F Reception Hall Opening speech : Prof Motoi Machida <ul style="list-style-type: none"> - Kanpai (Opening toast) : Prof Kenichi Sakakibara Free talk for future exchange and collaboration <ul style="list-style-type: none"> - Prof Katsumi Hattori - Prof Kenichi Sakakibara - Prof Hiroshi Asanuma
Wednesday, November 23	
09:30-15:00	Parallel Oral Presentation Session
15:30	Closing and Awards Ceremony <ul style="list-style-type: none"> - Best Paper Awards - Best Presenter Awards - Best Poster Awards - Best Student Awards

Keynote Speech

Monday, November 21

10:15-11:45

10:15-11:45

Mon, Nov 21

7th Indonesia Japan Joint Scientific Symposium

Chair : Takenobu Aoki

1F Main hall

10:15-10:45

KS001



Prof Yoshifumi Yasuoka

Chiba University

Social Implementation of Remote Sensing; how can remote sensing contribute to tackling climate change

10:45-11:15

KS002



Prof Eko Tjipto Rahardjo

Universitas Indonesia (UI)

Environmental impact of electromagnetic fields and waves

11:15-11:45

KS003



Drs. H. Syamsuar, M.Si

Mayor/Regent of Regency of Siak, Riau Province, Indonesia

The success steps of Regency of Siak in tackling environmental issues; resolving the problem of forest fires in Siak District, Riau Province; Achievement of the National Environment Award 2015 and 2016

Oral Session

Tuesday, November 22

09:30-16:00

09:30-11:50 Tue, Nov 22	7th Indonesia Japan Joint Scientific Symposium #1	Chair : Elyas Palantei 3F Reception Hall
09:30 - 09:50 P113	Elyas Palantei (p: 1- 9) <i>Construction and Field Testing of Broadband Transceiver Modules Applied for ITS Environmental Surveillance</i>	
09:50 - 10:10 P156	Purnomo Sidi Priambodo (p: 10- 15) <i>FSO Propagation Noise Suppression by Applying Single-Mode Fiber Optic at The Receiving Lens Focal Point</i>	
10:10 - 10:30 P118	Ahmad Fauzi Makarim (p: 16-24) <i>Design and Analysis of Mesh Network for Ship-to-Ship Maritime Communication using IEEE 802.11 on Maritime Environment of Tanjung Perak – Indonesia</i>	
10:30 - 10:50 P001	Abdul Syukur (p: 25- 36) <i>Parallel Processing for Improve Performance of e-Learning Server Using Message Passing Interface</i>	
10:50 - 11:10 P159	Wahidin Wahab (p: 37- 42) <i>Designing an Automated control of a Portable Hydrophonic Plantation Facility based on</i>	
11:10 - 11:30 P092	Imaduddin A Majid <i>Path Planning and Formation Control using Arrival Time Field for Mobile Robots</i>	
11:30 - 11:50 P154	Basari (p: 43- 48) <i>On the Performance of Wireless ECG Monitoring System: Case of Off-Body Communications</i>	
09:30-12:00 Tue, Nov 22	The 4th Symposium on Microsatellites for Remote Sensing	Chair : Katsumi Hattori 3F Meeting Room 4
09:30 - 10:00 P146	Katsumi Hattori <i>Seismo-electromagnetics study for short-term earthquake forecast: recent progress and the state of the art</i>	
10:00 - 10:30 P150	Dimitar Ouzounov <i>Geospace Approach in Revealing Transient Signatures in Atmosphere and Ionosphere Prior to Large Earthquakes</i>	
10:30 - 11:00 P148	Nicola Genzano <i>On the possible impact of the Significant Sequence of TIR Anomalies (SSTAs) parameter on the time-Dependent Assessment of the Seismic Hazard (t-DASH) for Japan</i>	
11:00 - 11:30 P127	Teti Zubaidah (p:1-9) <i>Observation of geomagnetic fields changes related to 9th March 2016 solar eclipse on Lombok Island-Indonesia</i>	

09:30-11:50 Tue, Nov 22	7th Indonesia Japan Joint Scientific Symposium #2	Chair : Agus Hartoko 2F Meeting Room 2
09:30 - 09:50 P004	Agus Hartoko (p: 49- 58) <i>New Paradigm of Marine Paleo-oceanographic Study With Spatial Based Reconstruction at Sangiran and Muria Strait – Central Java Indonesia</i>	
09:50 - 10:10 P074	Tengku Dahril (p: 59- 63) <i>Applied technology for oxygen production in closed area for smoke damage</i>	
10:10 - 10:30 P075	Tengku Dahril (p: 64- 70) <i>The utilization of liquid water from palm oil industry as culture medium for microalgae (Chlorella sp) in order to eliminate waters pollution in Riau</i>	
10:30 - 10:50 P089	Idris Mandang (p: 71- 78) <i>Ecosystem Dynamics in the Mahakam Estuary, East Kalimantan Indonesia</i>	
10:50 - 11:10 P086	I Wayan Gede Astawa Karang (p: 79-88) <i>Aquarius Sea Surface Salinity in the Indonesian Seas</i>	
11:10 - 11:30 P029	Muh. Yusuf (p: 89- 95) Coastal Dynamic, Nitrate (NO ₃ -) Phosphate (PO ₄ -) and Phytoplankton Abundance at Morodemak North Java Sea Indonesia	
11:30 - 11:50 P013	Jemi (p: 96-102) Water Resources Management Using River Flow Manipulation in Sukabumi Karst Landform	
09:30-11:50 Tue, Nov 22	7th Indonesia Japan Joint Scientific Symposium #3	Chair : Ardi Pramono 2F Meeting Room 3
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09:50 - 10:10 P142	Tri Pitara Mahanggoro (p: 108-113) <i>Improving Emotional Intelligence to Develop Healthy Behaviour in Leather Gloves Factory Worker</i>	
10:10 - 10:30 P153	Ratna Indriawati (p: 114-118) <i>Long-term Impact of Prenatal hypoxia-ischemia in short-term memory during adolescence</i>	
10:30 - 10:50 P054	Dziban Naufal (p: 119-125) <i>Effects of Low Frequency Sound to Human Psychological and Physiological Phenomenon : A literature review</i>	
10:50 - 11:10 P046	Pramitha Esha ND (p: 126-131) <i>Identification of Patient Satisfactory Profile for Outpatient Pharmaceutical Service at Private and Government Hospital within Semarang District</i>	
11:10 - 11:30 P018	Rudy Agung Nugroho (p: 132-139) Insect-Based Protein: Future Promising Protein Source for Fish Cultured	
11:30 - 11:50 P022	Norman Billi (p: 140-144) A Literature Study : Potential of Mango Seed as an Alternative Feed of Tegal Duck for Increasing Body Weight	

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10:00 - 10:30 P032	Emmy Latifah <i>The Legal Protection Over Traditional Medicinal Plants in Indonesia</i>
10:30 - 11:00 P164	Abdul Qodir (p:8-24) <i>The Idea of Multicultural Interconnective with Socio-Religious Values at Trans Dalam Community in Pulang Pisau Regency</i>
11:00 - 11:30 P120	Achmad Busro (p:25-32) <i>LEGAL DEVELOPMENTS OF FIDUCIARY IN INDONESIA: A Special Reference to Intangible Moving Security Objects</i>
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10:30 - 11:00 P161	Satsuki Ikeda (p: 46-52) <i>Our use of descriptive names and singular thoughts</i>
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11:30 - 12:00 P122	Hadi Sasana <i>Cluster Area Development with the Basis on Organic Agriculture To Support The Competitiveness on Acceleration to Enter the Asean Economic Community Market (Case Study in Semarang- Indonesia)</i>

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13:40 - 14:00 P071	Nurul Maziyyah (p: 154-162) <i>Actual and Potential Drug Related Problems in Diabetic Patients through Medication Reconciliation Process</i>
14:00 - 14:20 P081	Ingenida Hadning (p: 163-169) <i>Analysis Influence of Early Pharmaceutical Exposure in Primary Health Care on Student's Knowledge Levels in School of Pharmacy Universitas Muhammadiyah Yogyakarta</i>

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13:20 - 13:40 P135	Nji Raden Poespawati (p: 208-213) <i>Fabrication of CNT microarray for biosensor applications</i>	
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14:35 -14:55 P011	M. Hamzah Solim (p: 319-328) <i>Enhance Production of Adventitious Root Biomass of <i>Talinum paniculatum</i> Gaertn. in Baloon Type Bubble Bioreactor Used by Batch and Continuous System</i>	
14:55 - 15:15 P005	Arif Efendi <i>The Effect of Solvent In Green Synthesis Silver Nanoparticles Using Extract Of Gambir (<i>Uncaria gambir</i> Roxb) Leaf</i>	
15:15 - 15:35 P017	Muhammad Evan N (p: 329-334) <i>Leaf Callus Induction of Kelor (<i>Moringa oleifera</i>) with Addition of Various Concentration Naphthalene Acetic Acid (NAA) and Kinetin in Media MS in vitro</i>	
15:35 - 15:55 P105	Arif Munandar/Randi Proska Sandra (p: 335-343) <i>The Utilization of CaO Nanoparticle From Limestone as A Countermeasure Effort of SO2 Gas Emissions In PT. Semen Padang Using Corprecipitation Method</i>	
13:00-16:00 Tue, Nov 22	Social Studies #3	Chair : Shingo Odani 2F Multimedia meeting room
13:00 - 13:30 P125	Shingo Odani (p:53-60) <i>Ecological Anthropological Analysis of Nyale Foraging and the Sasak Calendar System in Lombok</i>	
13:30 - 14:00 P068	Nazalia Kurnia Dewi (p:61-66) <i>A Preliminary Study on the Experience of Indonesian Certified Kaigofukushishi/Candidate Who Work at Japanese Nursing Home in Japan: A Result from Participant Observatory</i>	
14:00 - 14:30 P098	Ali Sadikin (p:67-85) <i>The Response Of Public In Palangka Raya To Bank Muamalat Indonesia (BMI) Palangka Raya Branch</i>	
14:30 - 15:00 P121	Deli Nirmala <i>Maintaining Javanese Sociocultural Expressions for Preserving the Identity Representation of the Coastal Society in the North of Java (Pantura), Indonesia</i>	
15:00 - 15:30 P095	Uha Julaeha (p:86-93) <i>Fairy Tale Roles In Family Communication As Effort Encouraging Early Childhood Development: Literature Study</i>	
15:30 - 16:00 P098	Ahmad Dakhoir (p:94-107) <i>Economic Thought Of Ibn Taimiyah On Market Mechanism In Perspective Of Moslem Scholars</i>	

13:00-16:00 Tue, Nov 22	Social Studies #4	Chair : YOSHIDA Masami 2F Graduate Lounge
13:00 - 13:30 P158	YOSHIDA Masami (p:108-117) <i>Deployment of Digital Textbooks in Japan</i>	
13:30 - 14:00 P009	Fatmawati Djafri (p:118-127) <i>An Inquiry into the Meaning-Making Process of Japanese Learning in Higher Educational Institution in Indonesia</i>	
14:00 - 14:30 P165	M. Zainal Arifin (p:287-304) <i>Comparative Study On The Learning Styles (Visual, Auditory, And Kinesthetic) Towards Vocabulary Mastery</i>	
14:30 - 15:00 P087	Toshio Irie (p:305-310) <i>Hidden Aspects of the Private Language Argument: What Will Wittgenstein's Philosophy Bring Us Henceforth?</i>	
15:00 - 15:30 P034	Hakim and Arin Fithriana (p:128-136) <i>The Support Of Public Works & Community Housing Development Ministry On Poverty Eradication Through Special Fisherman Home</i>	
15:30 - 16:00 P025	Otsuka Moe (p:137-142) <i>The Translation of Japanese Manga in German and English</i>	

Oral Session

Wednesday, November 23

09:30-15:00

09:30-12:00 Wed, Nov 23	Novel Disaster Mitigation Engineering Toward Future	Chair : Hiroshi Asanuma 3F Reception Hall
09:30 - 10:00 P132	Hiroshi Asanuma (p:1-9) <i>Smart disaster mitigation based on novel structures/materials</i>	
10:00 - 10:30 P055	Nanang T. Puspito (p:10-16) <i>Seismological Evidence for Crustal Deformation beneath the Sunda-Banda Arc Transition Zone</i>	
10:30 - 11:00 P126	Djati Mardiatno (p:17-25) <i>Identification of Area Prone to Multi Hazards using Remotely Sensed Data - Case in Lowland Area of Kulon Progo, Yogyakarta, Indonesia</i>	
11:00 - 11:30 P107	Toha Saleh (p:26-36) <i>Analysis of Stream and Residential Area Protection Case Study: Tembagapura, Papua</i>	
11:30 - 12:00 P057	Dyah Rahmawati Hizbaron (p:37-45) <i>Vulnerability of Volcanic Ternate Island Towards Ecosystem Based Disaster Risk Management</i>	
09:30-11:50 Wed, Nov 23	The 24th CEReS International Symposium	Chair : Nobuo TAKEUCHI 3F Meeting Room 4
09:30 - 09:50 P093	Nobuo TAKEUCHI (p:1-10) <i>Investigation of a High Resolution Lidar Using Optical Frequency Comb</i>	
09:50 - 10:10 P163	Nofel Lagrosas (p:11-14) <i>Modeling of scattering enhancement factor, $f(RH)$, in Chiba using visibility and ground measurements</i>	
10:10 - 10:30 P069	D. Ichikawa <i>Geostationary HIMAWARI-8 and Polar Orbiting S-NPP VIIRS Satellites for regional environmental monitoring of Indonesia</i>	
10:30 - 10:50 P041	Jamrud Aminuddin (p:15-18) <i>Observation of Aerosol Optical Properties by Means of Himawari-8 Satellite from Space and Lidar System from Surface</i>	
10:50 - 11:10 P110	Babag Purbantoro (p:19-22) <i>Cloud Retrieval and Cloud Type Detection from Himawari-8 Satellite Data Based on the Split Window Algorithm</i>	
11:10 - 11:30 P119	Ginaldi Ari N / Asif Awaludin (p:33-39) <i>Hail Detection By A Low Cost Local Weather Radar Operated For Disaster Early Warning System</i>	
11:30 - 11:50 P042	Andung Bayu Sekaranom (p:23-32) <i>Extreme precipitation over Indonesian maritime continent: Uncertainties in satellite estimation and its relationship with low storm top height extreme</i>	

09:30-11:50 Wed, Nov 23	The Symposium on Innovative Microwave Remote Sensing	Chair : Josaphat Tetuko SS 2F Meeting Room 2
09:30 - 10:00 P062	Josaphat Tetuko SS (p:1-7) <i>Development of Synthetic Aperture Radar onboard Aircraft and Microsatellite for Global Land Deformation Observation</i>	
10:00 - 10:30 P168	CHUA Ming Yam (p:8-17) <i>Phase Coded Stepped Frequency Linear Frequency Modulated Waveform Synthesis Technique for Ultra-Wideband Synthetic Aperture Radar</i>	
10:30 - 11:00 P167	Achmad Munir <i>DDS Module-based Frequency-Modulated Continuous-Wave (FMCW) Signal Generation</i>	
11:00 - 11:30 P130	Agus Hendra Wahyudi (p:18-26) <i>NETWORK BASED DATA ACQUISITION AND CONTROL SYSTEM FOR CIRCULAR POLARISATION SAR (CP-SAR) SENSOR ON UAV</i>	
11:30 - 12:00 P149	Masaru Bunya (p:27-33) <i>CP-SAR Image Processing System with Kintex-7 FPGA Board</i>	
09:30-11:50 Wed, Nov 23	7th Indonesia Japan Joint Scientific Symposium #12	Chair : Imam Damar DJATI 2F Meeting Room 3
09:30 - 09:50 P096	Imam Damar DJATI (p: 344-352) <i>Young Teak Application For Making Products Case Study: Young Teak from the Teak Plantation in West Java Area, Indonesia</i>	
09:50 - 10:10 P037	Hari Nugraha (p: 353-361) <i>Hybrid Bamboo – Ceramic Process for Tableware design</i>	
10:10 - 10:30 P016	M Dzulfiqar Rizwanda Putra (p:362-367) <i>“Bagasse Bamboo Concrete” Waste Utilization of Cane and Bamboo Fiber For Composing Material Natural Fibrous Concrete</i>	
10:30 - 10:50 P059	Ilham Kurniawan <i>The Influence of the addition Sugar Cane Bagasse Ash in compressive strength of Geopolymer Concrete</i>	
10:50 - 11:10 P076	Anne Zulfia (p:368-377) <i>Effect of Titanium Addition on Characteristic of Al6061/ Al2O3 Reinforced Composites Produced by Stir Casting Process</i>	
11:10 - 11:30 P066	Adi Novriansyah/Novrianti <i>Enhancing cement strength through nanocomposite additive: utilizing palm-shell-waste in oil-well cementing job</i>	

09:30-12:00 Wed, Nov 23	Social Studies #5	Chair : Chiyo Yonemura 2F Multimedia meeting room
09:30 - 10:00 P058	Chiyo Yonemura (p:143-149) <i>The Development of Organic Farming and Family Change in Postwar Japan</i>	
10:00 - 10:30 P112	Akiko Fuchu (p:150-154) <i>How parents' thinking and behavior work for their unmarried daughters</i>	
10:30 - 11:00 P047	Pradhikna Yunik Nurhayati (p:155-164) <i>Japanese soy sauce industry: a legacy of the centuries</i>	
11:00 - 11:30 P123	Tri Widayati <i>The Ways Forward to Ecosystem-based Farming Management in Dieng Mountain, Central Java-Indonesia: A Proposed Model</i>	
11:30 - 12:00 P015	M Agung Ady Mangilep (p:270-278) <i>The Importance of Paddy Rice Production for the Agricultural Communities in the Highland of South Sulawesi</i>	
09:30-12:00 Wed, Nov 23	Social Studies #6	Chair : Shuhei Shiozawa 2F Graduate Lounge
09:30 - 10:00 P010	Fitriwati (p:165-170) <i>Introducing of Research and Development and Manufacturing Polyhydroxyalkanoates From Palm Oil Industry to Local Community in South Sulawesi</i>	
10:00 - 10:30 P030	Ramadhan Febriansyah (p:171-177) <i>INTEGRATION OF SLC (SOCIETY LIVESTOCK CENTER) WITH PENTAHHELIX SYSTEM AS AN INDONESIAN STRATEGY IN LIVESTOCK DEVELOPMENT AND FARMERS EMPOWERMENT TOWARD AEC (ASEAN ECONOMIC COMMUNITY)</i>	
10:30 - 11:00 P124	Agus Indarjo <i>An Introducing the Tripartite Model of University-Government-Communities in Managing Karimunjawa and Its National Park: Safe for Future Sustainable Development</i>	
11:00 - 11:30 P064	Junko NANAHOshi (p:178-185) <i>A Consideration of Expectations in Nursing Education Regarding Relationships with Patients — Main Focus on Textbook Analysis of High School Nursing Departments —</i>	
11:30 - 12:00 P036	Shuhei Shiozawa (p:186-194) <i>A Game Theory Approach to the Bargaining Process between Japan and the U.S. in the Pre-War Period</i>	

13:00-14:00 Wed, Nov 23	7th Indonesia Japan Joint Scientific Symposium #13	Chair : Eko T Rahardjo 3F Reception Hall
13:00 - 13:20 P155	Eko T Rahardjo (p:511-514) <i>Radiation Performance of X-Band Array Antenna Implemented Using Unequal Power Divider Feeding System</i>	
13:20 - 13:40 P116	Fitri Yuli Zulkifli (p:378-383) <i>Differential-Fed Circular Patch Antenna with High Impedance Surface Substrate</i>	
13:40 - 14:00 P060	Evizal Abdul Kadir (p:384-391) <i>MIMO Antenna System for Microsatellite Communications</i>	
14:00 - 14:20 P056	M Fauzan Edy Purnomo (p:392-403) Development L-Band Antena With Low Power For Circularly Polarized-Synthetic Aperture Radar (Cp-Sar) Application On Unmanned Aerial Vehicle (UAV)	
14:20 - 14:40 P043	Cahya Edi Santosa <i>Circularly Polarized Microstrip Antenna with Eye-slot for X-band Synthetic Aperture Radar Application</i>	
13:00-15:00 Wed, Nov 23	7th Indonesia Japan Joint Scientific Symposium #14	Chair : Kenji Kuriyama 3F Meeting Room 4
13:00 - 13:20 P090	Kenji Kuriyama (p:404-407) <i>Ground-based Spectral Measurements of Chlorophyll Fluorescence from Vegetation Canopies</i>	
13:20 - 13:40 P115	Muhammad Kamal <i>The effect of field spectrometer measurement distance to the identification of Rhizophora stylosa mangrove from remote sensing imagery</i>	
13:40 - 14:00 P113	Pramaditya Wicaksono <i>Preliminary assessment of Sentinel-2A Multispectral Image and UAV for mapping and validation of benthic habitats composition</i>	
14:00 - 14:20 P026	Derick Christopher AM (p:408-416) The Use of Hyperspectral Data to Analyze Climate Change According to Carbon Stocks and Southeast Sulawesi Biodiversity	
14:20 - 14:40 P050	Yuta izumi (p:417-422) <i>Polarimetric analysis of long term paddy rice observation using ground-based SAR (GB-SAR) system</i>	
14:40 - 15:00 P078	Akhmad Arifin Hadi (p:423-432) <i>Exploring Attractive Landscape Elements and Sceneries in Bukit Kucing Forest Tanjungpinang by using Visitors-Employed Photography Method</i>	

13:00-15:00 Wed, Nov 23	7th Indonesia Japan Joint Scientific Symposium #15	Chair : Dodi Sudiana 2F Meeting Room 2
13:00 - 13:20 P128	Dodi Sudiana (p:433-441) <i>Deformation Analysis of Merapi Volcano Using DInSAR on ALOS/PALSAR Image</i>	
13:20 - 13:40 P129	Dodi Sudiana (p:442-451) <i>Analyzing Land Use and Land Cover using Combined Landsat 8 and ALOS-2/PALSAR-2's Data-Case Study: Bandung Regency</i>	
13:40 - 14:00 P038	Husnul Kausarian (p:452-458) <i>Geological Mapping for the Land Deformation Using Small UAV, DinSAR Analysis and Field Observation at The Siak Bridge I and II, Pekanbaru City, Indonesia</i>	
14:00 - 14:20 P114	Arliandy P. Arbad (p:459-466) <i>Time Series InSAR For Interpretating 5 Years Cycle of Mt. Bromo Eruptions in Indonesia by Using PALSAR and PALSAR-2 to Contribute Civil Engineering Work</i>	
14:20 - 14:40 P166	Pakhrur Razi <i>Velocity and Time Series Land Deformation Monitoring in Slope Area using PSI SAR: Case Study in Kelok 9 Bridge West Sumatra</i>	
14:40 -15:00 P079	Richa Bhattarai (p467-472) <i>Risk Assessment of Land Subsidence in Kathmandu Valley, Nepal</i>	
13:00-15:00 Wed, Nov 23	7th Indonesia Japan Joint Scientific Symposium #16	Chair : Puji Astuti 2F Meeting Room 3
13:00 - 13:20 P003	Agil Gemilang Ramadhan (p473-482) <i>Structure Delineation Mapping using Remote Sensing Techniques in Geothermal Prospect Area Kepahiang, Bengkulu</i>	
13:20 - 13:40 P051	Puji Astuti (p483-491) <i>Optimalization of the Planning Area in Using Infrastructure Development Impact of the Petroleum and Palm Oil Industry in Minas District, Riau Province</i>	
13:40 - 14:00 P077	Dewandra Bagus EP (p:515-524) <i>Geophysical Modelling Using Gravity Data Of Meteorite Impact Crater At Bukit Bunuh, Lenggong, Perak, Malaysia</i>	
14:00 - 14:20 P091	Ira Herawati, Novia Rita (p492-501) <i>Determining Equation of Oil ate Prediction by Statistically Analysis Function in New Productive Zone</i>	
14:20 - 14:40 P072	Yuniarti Yuskara (p502-510) <i>Sedimen Deposit of Floodplain Formation Resulting From Lateral Accretion Surfaces On Tropical Area: Study Case At Kampar River, Indonesia</i>	
14:40 -15:00 P006	Catur Cahyaningsih <i>Meteorite Impact Crater Mahsuri Ring Profile, Langkawi, Kedah Province, Malaysia, Using Geoelectric Resistivity Imaging</i>	

13:00-15:00 Wed, Nov 23	Social Studies #7	Chair : Noriko Ashiya 2F Multimedia meeting room
13:00 - 13:30 P020	Noriko Ashiya (p:195-204) <i>A possible answer to Japan's deflationary problem as revealed by the use of a modified Phillips curve, and an explanation of some seemingly contradictory results</i>	
13:30 - 14:00 P033	Tri Endangsih/Jeanie Annissa (p:205-212) <i>Army Support Program Through Smart Home In Poverty Reduction Framework Based on SDGs</i>	
14:00 - 14:30 P084	Nunuk Endah Srimulyani (p:213-223) <i>Mom's War and the Misconception about "Ryosai kenbo" and "Kyoiku-Mama": Case of Educated Middle-Class Women in Indonesia</i>	
14:30 - 15:00 P063	Zhu Xun (p:224-233) <i>A Comparative Study of Economic Revitalization Policy in Coal Mining Areas Between China and Japan- From the Spatial Perspective</i>	
13:00-15:00 Wed, Nov 23	Social Studies #8	Chair : Kousuke Kaita 2F Graduate Lounge
13:00 - 13:30 P073	Xing Yun (p:234-243) <i>Analysis on the Research Trends of CALL in China -Based on the Papers from CNKI from 2010 to 2016</i>	
13:30 - 14:00 P065	Kousuke Kaita (p:244-253) <i>Causative and adhortative expressions in Medieval English</i>	
14:00 - 14:30 P048	XIANG YANING (p:254-262) <i>A Basic Study of Academic English Vocabulary Lists</i>	
14:30 - 15:00 P044	Masakazu Ito (p:263-269) <i>Promoting Cities through Shopping Street Unions in Japan</i>	

POSTER SESSION

Tuesday, November 22

16:00-17:00

No	Presenter	Title
P152	Tiger Jann-Yenq Liu	A Statistical Study Applying Receiver Operating Characteristic Curve on Seismo-ionospheric Precursors of the Total Electron Content Associated with Large Earthquakes in Japan
P104	Miftahus Sa'adah	Knowledge sharing practices: a case study of the center of language development at the state Islamic university Sunan Kalijaga Yogyakarta
P103	Siti Nur Hidayah	Entrepreneurship Education and its Challenges in Non-business Faculties of Islamic Higher Education
P102	Roma Ulinuha	Values Remittance and Hybrid Agencies on Indonesian Muslim Diaspora in Japan: A Structural-Functionalism Perspective
P133	Kaihei Nakamura (p:1-7)	Study of 6module X-band array antenna for Airborne CP-SAR application
P137	Idiani Darmawati (p:8-15)	The Effects Of Adequate Brisk Walking Exercise Toward Amount Of Pyramid Cells In The Cerebral Cortex Of Congenital Hypothyroid Pups
P117	Min-Wook Heo (p:16-19)	IMPLEMENTATION ON REDUCTION LUT MEMORY SIZE IN CHIRP SIGNAL GENERATION FOR SATELLITE ON-BOARD SAR
P045	Kageaki Inoue (p:20-27)	The archaeological investigation of the central Jawa applying the advanced remote sensing technology
P162	Akira Kato	Forest Disaster Monitoring using Google Earth Engine, UAV-SfM, and Terrestrial Laser Scanner
P151	Masuto Ebina	Relationships between topography and tree inclination: an approach using multiple time series of 3D point cloud data
P136	Takaaki Kobari	b-value change prior to the large earthquakes: Case study for earthquakes around Japan and the 2004 Sumatra earthquake
P134	Mustafa Yagmur	3D Tomographic Analysis of Ionospheric Anomalies Preceding Large Earthquakes
P028	Hiroki Ueno (p:28-36)	Neutron Radiation To Soft Error Hardened Latches
P040	Susana (p:37-41)	The Effectiveness Of Addition Nelson Traction On Microwave Diathermy (MWD) Intervention And Transcutaneous Electrical Stimulation (TENS) For Upper Thoracal Joint Blockade Pain Reduction