

21 September 2021

Local Western Indonesia Time (GMT+7)

ROOM-1 SRIKANDI (Invited Speaker: Prof. Ninong Komala)

Chairs: Yudha S. Djamil, Saipul Hamdi, Sayanta Ghosh

Total: 1 invited talk + 27 articles

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Saipul Hamdi, Sumaryati and Syahril Rizal	Decline of Surface Global Solar Radiation at Palembang City of Indonesia Correlated to Smoke Event in 2019	R1-001
08:45 – 08:55	Jamrud Aminuddin, Zaroh Irayani, Abdullah Nur Aziz, Laras Toersilowati and Soni Aulia Rahayu	Langley Plot and Lambert-Beer Law in Retrieving Solar Radiation at the Top of Atmosphere	R1-002
08:55 – 09:05	Didik Septian Pangestu, Rizal Suryana and Sofyan Basuki	Development of Solar Radiation Observation System Using RTL-SDR	R1-003
09:05 – 09:15	Discussion		
09:15 – 09:25	Nani Cholianawati	Diurnal Variation of Fine Particulate Matter in Indonesia Based on Reanalysis Data	R1-004
09:25 – 09:35	Waluyo Eko Cahyono, Prawira Yudha Kombara, Emmanuel Adetya and Wilin Julian Sari	Simulation and Evaluation of PM2.5 in the City of Palangkaraya Using the Model WRF-Chem	R1-005

09:35 – 09:45	Wiwiek Setyawati, Dyah Aries Tanti and Asri Indrawati	Air Quality in the Bandung Basin of Indonesia as Measured by Passive Sampler	R1-006
09:45 – 09:55	Sayanta Ghosh, Renu Lata, Isha Thakur and J. C. Kuniyal	Estimating the Impact of Spatio-Temporal Land Cover Changes on Air Quality Using Satellite Data in Beas Valley, Himachal Pradesh, India	R1-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10:20 – 10:40	Ninong Komala (Invited Talk)	Atmospheric Environmental Research by Analyzing the Character of Indonesian Ozone Profile using AQUA_AIRS Data	
10:40 – 10:50	Dessy Gusnita	Effect of Meteorology Parameters on Air Pollutant Standard Index in Urban Area (Case Study in Jakarta)	R1-008
10:50 – 11:00	Prawira Yudha Kombara and Ninong Komala	Ozone Variability at 10 hPa in Indonesia Based on MERRA2 Data	R1-009
11:00 – 11:10	Asri Indrawati, Dyah Aries Tanti, Wiwiek Setyawati, Sumaryati Sumaryati, Indra Chandra and Atep Radiana	Characteristics of Acid Deposition in Urban and Sub-Urban Area	R1-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Jihan Putri Amelia, Zadrach Ledoufij Dupe and Indah Prasasti	Analysis and Verification of Fire Danger Rating System (FDRS) Parameters in Land and Forest Fire in	R1-011

		West Kalimantan in 2019 and Its Relationship with Hotspots and Rainfall	
11:30 – 11:40	Prawira Kombara, Waluyo Eko Cahyono, Wilin Julian Sari, Emmanuel Adetya and Rosida Rosida	Direct Effect of Aerosol Respect to Radiation Budget on Forest Fire Event in Sumatera Region	R1-012
11:40 – 11:50	Sumaryati, Dita Fatria Andarini, Nani Cholianawati and Asri Indrawati	Smoke Propagation during Fire Season in Kalimantan and Sumatra in 2015 and 2019	R1-013
11:50 – 12:00	Discussion		
12:00 – 12:05	Moderator (conclusion)		
12:05 – 13:00	Break		
13:00 – 13:10	Prawira Yudha Kombara and Nani Cholianawati	Influence of Local Wind Respect to the PM2.5 Dispersion in Bandung Basin	R1-014
13:10 – 13:20	Wilin Julian Sari, Waluyo Eko Cahyono, Rahaden Bagas Hatmaja, Prawira Yudha Kombara and Emmanuel Adetya	Correlation Investigation between Aerosols Variability, Forest Fire and Meteorological Variables during Summer Monsoon in Riau Province, Indonesia	R1-015
13:20 – 13:30	Laras Toersilowati, Bambang Siswanto, Edy Maryadi, Indah Susanti, Mamat Suhermat, Adi Witono, Hidayatul Latifah, Sinta Berliana Sipayung, Amalia Nurlatifah, Jamrud Aminuddin and Fildzah Adany	The Projections of Urban Climate Change using Conformal Cubic Atmospheric Model (CCAM) in Bali - Indonesia	R1-016

13:30 – 13:40	Discussion		
13:40 – 13:50	Indah Susanti, Sinta Berliana Sipayung, Edy Maryadi, Amalia Nurlatifah, Hidayatul Latifah, Bambang Siswanto, Adi Witono, Lilik Slamet S. and Martono	Climate Change and Drought: A Perspective on Rainfall and Water Deficits in Java and Bali	R1-017
13:50 – 14:00	Sinta Berliana Sipayung, Indah Susanti, Edy Maryadi, Amalia Nurlatifah, Hidayatul Latifah, Bambang Siswanto, Adi Witono, Laras Tursilowati, Mahmud Mahmud and Mamat Suhermat	The Impact of Climate Change to Meteorological Drought in Yogyakarta	R1-018
14:00 – 14:10	Yudha Djamil, Tri Hadi, Wirid Birastrri and Xianfeng Wang	Outstanding Issues in the Future Climate Projection over Indonesia	R1-019
14:10 – 14:20	Feri Nugroho, Ayub Sugara and Ayi Priana	The Effect of Land Change on Urban Heat Island: Case Study of Bekasi Regency	R1-020
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator (conclusion)		
14:35 – 14:45	Break		
14:45 – 14:55	Atep Radiana, Saipul Hamdi, Arif Aditya, Fahmi Rahmatia and Syafrijhon	Characteristic of Precipitable water Vapour in 2017-2019 over Bandung Estimated by GPS data	R1-021
14:55 – 15:05	Fandy Balbo, Rusmawan Suwarman and Arika Indri Dyah Utami	Chemical Characteristics of Rainwater in Bandung and Kototabang	R1-022

15:05 – 15:15	Hendri Satria and Dewi Tamara Qothrunada	Comparison of PM10 Parameters Pre and Post Social Restrictions during the Covid-19 Pandemic in Serpong	R1-023
15:15 – 15:25	Discussion		
15:25 – 15:35	Putri Nilam Sari, Nofriya and Alberth Christian Nahas	Investigation of Air Pollution during the COVID-19 Pandemic in Padang City: Correlation of Specific Pollutants with Daily Case and the Effect of Social Restrictions	R1-024
15:35 – 15:45	Isha Thakur, Renu Lata, Sayanta Ghosh and J. C. Kuniyal	Assessing the Impacts of Anthropogenic Activities on Air Quality: A Brief Study during Lockdown in 2 nd Wave of COVID 19 Pandemic in Kullu Vvalley of North Western Himalayas	R1-025
15:45 – 15:55	Yuliana	The Global Atmospheric Condition during the COVID-19 Pandemic	R1-026
15:55 – 16:05	Lesi Mareta, Alfiah Rizky Diana Putri and Ridlo Wahyudi Wibowo	Correlation of Forest and Land Fires in Sumatra to Natural and Anthropogenic Forcing using CMIP5 Data	R1-027
16:05 – 16:15	Discussion		
16:15 – 16:20	Moderator (conclusion)		

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ROOM-2 SADEWA (Invited Speaker: Dr. Marzuki)

Chairs: Wendi Harjupa, Noersomadi, Ulung Jantama Wisna

Total: 1 invited talk + 26 articles

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Arifatus Hikmah Rusmanansari, Rusmawan Suwarman, Yudha Setiawan Djamil and Yan Firdaus	GSMAP Seasonal Rainfall Verification over Western Java	R2-001
08:45 – 08:55	Ravidho Ramadhan, Robi Muharsyah, Marzuki, Helmi Yusnaini, Mutya Vonnisa and Hiroyuki Hashiguchi	Evaluation of GPM IMERG Products for Extreme Precipitation over Indonesia	R2-002
08:55 – 09:05	Ali Rahmat and Fajar Setiawan	Estimating Rainfall data using Tropical Rainfall Measuring Mission (TRMM) Data: Study case in Pesawaran Meteorology and Geophysics Agency	R2-003
09:05 – 09:15	Discussion		
09:15 – 09:25	Helmi Yusnaini, Marzuki, Harmadi and Mutya Vonnisa	Intraseasonal Change of the Diurnal Cycle of Precipitation Over Sumatra from IMERG Observation	R2-004

09:25 – 09:35	Ayu Putri Ningsih, Robi Muharsyah, Marzuki, Helmi Yusraini, Mutya Vonnisa and Ravidho Ramadhan	Evaluation of GPM IMERG Rainfall Products over Indonesia at Multiple Spatiotemporal Scales	R2-005
09:35 – 09:45	Rana Hapsari, Arno Kuntoro, Widyaningtias, Edi Riawan, Mohammad Farid and Mohammad Adityawan	Correcting Bias GPM IMERG Precipitation over Brantas Watershed, Indonesia	R2-006
09:45 – 09:55	Aldiatama Jumanissaba, Sandro W. Lubis and Sonni Setiawan	Impacts of the QBO on MJO-Related Rainfall over Maritime Continent	R2-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10:20 – 10:40	Marzuki (Invited Talk) co-authors: Helmi Yusraini, Fredolin Tangang, Robi Muharsyah and Mutya Vonnisa	Mechanisms of Diurnal Precipitation over Sumatra: Measurement and Climate Model Perspectives	
10:40 – 10:50	Wendi Harjupa, Trismidianto, Risyanto, Elfira Saufina, Fadli Nauval, Dita Fatria Andarini, Teguh Harjana, Marzuki and Eddy Hermawan	Impact of MJO on the Distribution of Extreme Rainfall over Indonesia During IOD and ENSO Condition	R2-008

10:50 – 11:00	Fadhil Rizki Muhammad, Sandro Wellyanto Lubis and Sonni Setiawan	The Influence of Boreal Summer Madden-Julian Oscillation on Precipitation Extremes in Indonesia	R2-009
11:00 – 11:10	Muhamad Reyhan Respati, Sandro W. Lubis and Sonni Setiawan	Convectively Coupled Equatorial Waves Triggering Torrential Rainfall Events over Sumatra, Indonesia	R2-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Noersomadi	The Madden-Julian Oscillation Forcing on the Diurnal Variation of Turbulence Kinetic Energy in the Tropical Tropopause Layer Observed with Equatorial Atmosphere Radar	R2-011
11:30 – 11:40	Diah A. Tiyas, Sandro W. Lubis and Sonni Setiawan	Kelvin Wave Activity in the UTLS over the Maritime Continent from GPS RO Measurements	R2-012
11:40 – 11:50	Aldi Krismon, Muhammad Rais Abdillah and Nurjanna Joko Trilaksono	Changes in Diurnal Cycle of Rainfall over the Western Maritime Continent Associated with Cold Surge and the Madden-Julian Oscillation	R2-013
11:50 – 12:00	Discussion		

12:00 – 12:05	Moderator (conclusion)		
12:05 – 13:00	Break		
13:00 – 13:10	Suaydhi	On the Mechanism of Anomalously Wet and Cold Weather over Java in the Month of June	R2-014
13:10 – 13:20	Edi Rikardo Sinaga, Rusmawan Suwarman, Edi Riawan, Yogi S.M Simanjuntak and Yudha S. Djamil	Impact of La Niña to the River Discharge Variability in the Upper Citarum Watershed	R2-015
13:20 – 13:30	Rahaden Bagas Hatmaja, Wilin Julian Sari, Fildzah Adany and Prawira Yudha Kombara	Atmospheric Methane Variability during Upwelling Events in the Southern Coast of Java, Indonesia	R2-016
13:30 – 13:40	Discussion		
13:40 – 13:50	Yusuf Jati Wijaya, Ulung Jantama Wisha and Yukiharu Hisaki	Mindanao Current, Its Variations and Reaction to the El Niño-Southern Oscillation (ENSO) Event	R2-017
13:50 – 14:00	Sigit Kurniawan Jati Wicaksana and Iis Sofiati	Comparative Analysis of Upwelling Characteristics in Northeast and Southwest of Indonesian Seas Area	R2-018
14:00 – 14:10	Rahaden Bagas Hatmaja, Christine Cecylia Munthe, Erma Yulihastin and Kadiman Erfitra Pramudia	Atmospheric Response to the Southern Java Upwelling Variability Associated with Indian Ocean Dipole Event	R2-019

14:10 – 14:20	Giant Amor Amor and Rizki Atthoriq Hidayat Thoriq	Spatial Modeling of Flooding Due to Tides Against Residential Areas in Coastal Areas of Bengkalis Island	R2-020
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator (conclusion)		
14:35 – 14:45	Break		
14:45 – 14:55	Ulung Jantama Wisha, Yusuf Jati Wijaya and Yukiharu Hisaki	Modeling Tidal Bore Generation at the Estuary of Rokan River, Indonesia	R2-021
14:55 – 15:05	Syarifatul Ulfah, Marzuki and Adi Susilo	Analysis Vulnerability Disaster of Landslide in Lantan Village North Batukliang District Central Lombok Regency Using Geoelectric Data and Sentinel Image Data	R2-022
15:05 – 15:15	Ranie Dwi Anugrah and Stevani Anggina	Tsunami Impact Assessment for Coastal City in Cilacap, Indonesia: A Geospatial Approach	R2-023
15:15 – 15:25	Discussion		
15:25 – 15:35	Muhammad Ridho Syahputra, Faiz R. Fajary, Muhammad Rais Abdillah, Edi Riawan, Rusmawan Suwarman and Hengki Eko Putra	Quantifying Rainfall Uncertainties from TRMM Satellite estimation over Ciliwung Basin	R2-024

15:35 – 15:45	Wildan Novrizal, Faiz R. Fajary and Nurjanna Joko Trilaksono	Atmospheric El Niño Precursors over the Maritime Continent	R2-025
15:45 – 15:55	Beben Graha Putra, Arie Yulfa and Siti Khofifah	Identification of Shoreline Changes in Padang City from 2000-2020 Using Modified Normalized Difference Water Index Method and Use of Digital Shoreline Analysis System	R2-026
15:55 – 16:05	Discussion		
16:05 – 16:10	Moderator (conclusion		

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ROOM-3 SANTANU (Invited Speaker: Dr. Acep Purqon)

Chairs: Jezzel Rabe, Kharisma Aprilina, Arif Wicaksono

Total: 1 invited talk + 24 articles

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Budi Harsanto	The Intersection of Environmental Science and Social Science in the Sustainability Innovation	R3-001
08:45 – 08:55	Nurul Amri Komarudin, Hariyadi and Tania June	Implementation of Environmental Policy on Oil Palm Plantations Related to ISPO in Eastern Part of South Sumatra Province	R3-002
08:55 – 09:05	Bangun I.R. Harsritanto, Dany Perwita Sari and Jeanny Laurens Pinassang	Microclimate and Its Impact on Hotel Building Energy Saving Performance in the Tropical Coastal City	R3-003
09:05 – 09:15	Discussion		
09:15 – 09:25	Erti Nurfindarti and Nugrahana Fitria Ruhyana	Determination of Stunting Priority Locations and Regional-Based Stunting Management Strategies in Serang City	R3-004

09:25 – 09:35	Dahyunir Dahlan, Muhammad Frassetia Lubis and Dwi Puryanti	Electrodeposition of Cu Layer with Mangrove Bark Extract Additive as an Inhibitor for the Application of Anti-Corrosion Coating	R3-005
09:35 – 09:45	Fahriya Puspita Sari, Fitria Fitria, Sita Heris Anita, Maulida Oktaviani and Widya Fatriasari	Sugar Production of Autoclave-Pretreated Oil Palm Empty Fruit Bunches (<i>Elaeis guineensis</i> Jacq.) by Different Acids	R3-006
09:45 – 09:55	Kharisma Aprilina, Ardhasena Sopaheluwakan, Armi Susandi, Hastuadi Harsa, Utoyo Ajie Linarka and Rian Anggraeni	The Relationship between Climate Variables and Rice Productivity from the Aquacrop Simulation in the Clustering Area from the Results of the K-Means Method in Java Island, Indonesia	R3-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10:20 – 10:40	Acep Purqon (Invited Talk)	Precision Heat Monitoring in Agriculture using Fuzzy Logic Model	
10:40 – 10:50	Siska Rasiska, Pampang Parikesit and Iwan Setiawan	The Impact of Climate Change on Effectivity of Biocontrol in The Arabica Coffee Landscape	R3-008

10:50 – 11:00	Muhammad Hanif, Rizki Atthoriq Hidayat, Giant Amor and Luhur Moekti Prayogo	Zone of Biodiversity Extinction in Tropical Marine Ecosystems in Sumatra Island Using Climate Change Scenarios	R3-009
11:00 – 11:10	Desy Sulistiyorini	Biomonitoring of Polycyclic Aromatic Hydrocarbons in the Ambient Air Using Plants: A Review	R3-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Hikmahwati, Muhammad Rifqy Aulia, Harli A Karim, Nur Ilmi and Agus Riandi	Description of Macroscopic and Microscopic Alternaria porri on Shallots (<i>Alium ascolonicum</i> L) in Enrekang Regency	R3-011
11:30 – 11:40	Nourma Al Viandari, Anicentus Wihardjaka, Heru Bagus Pulunggono and Suwardi	Increasing Rice Yield by Soil Tillage System and Water Management	R3-012
11:40 – 11:50	Wisnu Arya Gemilang, Ulung Jantama Wisha and Hendra Bakti	Water Quality Assessment for Submarine Groundwater Discharge (SGD) Pollution in the Coastal Area of Krakas Beach, North Lombok, Indonesia	R3-013
11:50 – 12:00	Discussion		
12:00 – 12:05	Moderator (conclusion)		
12:05 – 13:00	Break		

13:00 – 13:10	Nunung Nugroho	Spatial Distribution of Nutrient Export from the Catchment Area of Lake Rawapening	R3-014
13:10 – 13:20	Muhamad Iqbal, Aldo Novaznursyah Costrada and Harmadi	Prototype of Flood Monitoring System Based on River Turbidity Using Optical Fiber Sensor and Raspberry Pi 3 B+	R3-015
13:20 – 13:30	Arif Wicaksono	Public Urban Park Quality Assessment using Fuzzy C Means Classification of Land Surface Temperature and Social Indicators	R3-016
13:30 – 13:40	Discussion		
13:40 – 13:50	Riki Purnama Putra, Roprop Latiefatul Millah and Shidiq Andhika	ETA Concept Program for Reducing Green House Effect in Indonesia Industrial Scale with IoT Integrated	R3-017
13:50 – 14:00	Kirana Sasmitaloka, Mulyorini Rahayuningsih and Titi Sunarti	Utilization of Agroindustrial by Product for Bioinsecticide Production	R3-018
14:00 – 14:10	Andi Tenri Nurwahidah, Septiana Indratmoko, Nida Churin Aini and Akhmad Berryl Widyartha	Characterization of Novel Multi-Pulpose Oil Extracted from Asiatic Softshell Turtle and Its Palm Oil Aldutation Analysis Employing Fourier Transform Infrared (FTIR) Spectroscopy	R3-019
14:10 – 14:20	Jezzel Rabe, Katherine Caga-Anan, Fretchie Nebre, Rhona	Moringa Oleifera as a Feed Ingredient in Broiler Diets	R3-020

	May Gerondio and Karyn Chrislene Vitor		
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator (conclusion)		
14:35 – 14:45	Break		
14:45 – 14:55	Dewi Syahidah, Jennifer Elliman and Leigh Owens	PCR Column Contamination Gave False Positive Result for Cherax Quadricarinatus Densovirus (CqDV) in Sf 9 Cell Cultures	R3-021
14:55 – 15:05	Enung Nurhotimah	Fighting COVID 19 Using Herbal Medicine According to Local Plant Diversity	R3-022
15:05 – 15:15	Discussion		
15:15 – 15:25	Desty Aulia Putrantri, Suskandini Ratih Dirmawati, Agus Karyanto, Darwin Pangaribuan and Ainin Niswati	Resistance Induction of Sweet Corn to Helminthosporium turcicum Using Biochar Application	R3-023
15:25 – 15:35	Agusriandi Agusriandi and Hikmahwati	The Sustainable Digital- Farming Framework Using an Interdisciplinary Approach	R3-024
15:35 – 15:45	Discussion		
15:45 – 15:50	Moderator (conclusion)		

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ROOM-4 SRIRAMA (Invited Speaker: Prof. Manabu D. Yamanaka)

Chairs: Wojciech Szkolka, Mariko Ogawa, Eddy Hermawan

Total: 1 invited talk + 26 articles

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Eddy Hermawan, Tyo Maulana and Rahmat Gernowo	Effects of El-Nino and La-Nina on the Velocity Potential at 200 hPa over Maritime Continent	R4-001
08:45 – 08:55	Fadli Nauval, Elfira Saufina, Dita Fatria Andarini, Risyanto Risyanto, Trismidianto Trismidianto, Wendi Harjupa, Teguh Harjana, Marzuki Marzuki and Eddy Hermawan	Analysis of Prediction of the Occurrence of Rainfall Events Associated to ENSO Phenomenon Using Simple Logistic Model over Eastern Indonesia	R4-002
08:55 – 09:05	Fahmi Rahmatia, Listi Restu Triani and Amalia Nurlatifah	The Response of Rainfall in Sumatera to Indian Ocean Dipole Phenomenon	R4-003
09:05 – 09:15	Discussion		
09:15 – 09:25	Teguh Harjana, Anis Purwaningsih, Trismidianto, Wendi Harjupa, Fadli Nauval, Dita Fatria Andarini, Elfira Saufina, Arief Suryantoro and Eddy Hermawan	The Relation Between ENSO and IOD with the Rainfall Events over Indonesian Maritime Continent Based on TRMM Precipitation Data	R4-004

09:25 – 09:35	Bony Septian Pandjaitan	Investigation of Atmospheric Reanalysis Convective Parameters and Overshooting Cloud Top in Hail Events Over Java Island	R4-005
09:35 – 09:45	Nadine Ayasha	The Impact of Vertical Velocity Parameter Conditions and Its Relationship with Another Weather Parameters in the Hail Event	R4-006
09:45 – 09:55	Hiromitsu Ikeda, Shoichi Shige, Kazumasa Aonashi, Hitoshi Hirose, Atsushi Hamada, Nurjanna Joko Trilaksono, Rahma Yanti, Dinda Shabrina Medyani and Prawira Yudha Kombara	Characteristics of Hail-Producing Convection in Bandung, Indonesia as Derived from Himawari-8 High Resolution Data	R4-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10:20 – 10:40	Manabu D. Yamanaka (Invited Talk)	EAR Construction Motivation Revisited: Indonesian Coastline Representing Earth	
10:40 – 10:50	Syukri Darmawan, Edy Maryadi, Annida Rahmawati, Asif Awaludin, Tiin Sinatra and Fadli Nauval	Rainfall Nowcasting with Rain Scanner Images in Bandung	R4-008

10:50 – 11:00	Immanuel Jhonson Arizona Saragih, Wiliam Wiliam and Imma Redha Nugraheni	Examining the Characteristics and Dynamics of Quasi-Linear Convective System (QLCS) Using Weather Radar Data and Numerical Weather Model in North Sumatra Region	R4-009
11:00 – 11:10	Mariko Ogawa, Manabu Yamanaka, Awaluddin Awaluddin, Arief Darmawan, Albertus Sulaiman, Reni Sulistyowati, I Dewa Gede Arya Putra and Osamu Kozan	Study on Diurnal Variation of Rainfall Observed by X-Band Polarimetric Radar in Peatlands over Bengkalis Island, Eastern Sumatra, Indonesia	R4-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Arlif Nabilatur Rosyidah, Nurjanna Joko Trilaksono and Noersomadi	Variation of the Wind Profiles in the Tropical Tropopause Layer Associated with QBO-MJO Connection	R4-011
11:30 – 11:40	Laode Bangsawan, Retnadi H. Jatmiko and Emilya Nurjani	Determining Quantitative Precipitation Estimation (QPE) Through Comparison of the Z-R Relation Algorithms in Parts of East Java on Convective and Stratiform Rain	R4-012
11:40 – 11:50	Wojciech Szkolka and Dariusz Baranowski	The Diurnal Evolution of Tropospheric Winds and Its Variability in Response to Large-Scale Phenomena - an Analysis Based on Equatorial Atmospheric Radar data	R4-013

11:50 – 12:00	Discussion		
12:00 – 12:05	Moderator (conclusion)		
12:05 – 13:00	Break		
13:00 – 13:10	Ina Juaeni, Ridho Pratama, Wendi Harjupa, Elfira Saufina, Dita Fatria Andarini and Ibnu Fathrio	Evaluation of the Surface Wind Speed, Shear of Wind Speed, Shear of Wind Direction and Richardson Number at Soekarno Hatta Airport Using Wyoming Radiosonde Data	R4-014
13:10 – 13:20	Ridho Pratama, Muhammad Fadhlan Putranto, Fahmi Rahmatia, Ina Juaeni, Risyanto, Wendi Harjupa and Marzuki	The Average Cloud Base Height in Kototabang 2016-2018 (Comparison between Ceilometer, Radiosonde and Himawari-8)	R4-015
13:20 – 13:30	Resa Pratikasari, Nurjanna J. Trilaksono and Noersomadi	Atmospheric Residual Layer Height Variations in Clear and Rainy Days Based on High- Resolution Radiosonde and Global Positioning System Radio Occultation Data	R4-016
13:30 – 13:40	Discussion		
13:40 – 13:50	Dita Fatria Andarini, Fadli Nauval, Elfira Saufina, Risyanto Risyanto, Trismidianto Trismidianto, Wendi Harjupa, Teguh Harjana, Marzuki Marzuki and Eddy Hermawan	The Influence of Borneo Vortex on Rainfall Variability over Western Indonesian Maritime Continent	R4-017

13:50 – 14:00	Luthfiyah Jannatunnisa and Trismidianto	Analysis of Multi-Scale Atmospheric Phenomena and Parameters Triggering Seroja Tropical Cyclone and Its Effect to Extreme Rainfall over Nusa Tenggara Timur	R4-018
14:00 – 14:10	Fauziah Fangia and Trismidianto	Evolution of Mesoscale Convective Complex and Its Atmospheric Conditions During Heavy Rain in Bandung, 22 February 2018	R4-019
14:10 – 14:20	Ilham Fajar Putra Perdana and Niken Astrid Septyar	Trend Analysis of Precipitation and Temperature at Annual and Seasonal Time Scale over Semarang of Central Java	R4-020
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator (conclusion)		
14:35 – 14:45	Break		
14:45 – 14:55	Dewi Tamara Qothrunada, Hendri Satria and Bowo Parkoso	Comparison of Atmospheric Dynamics Conditions, Rainfall and Rainy Days with Historical Data during Flood Events in North Buton on 18 and 22 June 2021	R4-021
14:55 – 15:05	Anis Purwaningsih	The Different Atmospheric Conditions Associated with Northerly Surge, Borneo Vortex and Madden-Julian Oscillation during the Extreme Rainfall Cases	R4-022

		in Early 2021 over the Western Part of the Maritime Continent	
15:05 – 15:15	Ilham Fajar Perdana	Quasi-Linier Convective System (QLCS) Characteristics in Jakarta, West Java and Banten during 2018	R4-023
15:15 – 15:25	Aulia Azura, Wendi Harjupa, Muhammad Rais Abdillah and Muhammad Fadhlan Putranto	The Evaluation of Rapidly Developing Cumulus Area Model in Detecting Rain in Bandung Basin	R4-024
15:25 – 15:35	Discussion		
15:35 – 15:45	Suaydhi and Gammamerdianti	Intraseasonal and Interannual Variability of Cumulonimbus Cloud over the Maritime Continent	R4-025
15:45 – 15:55	Lutvi Andriani, Wendi Harjupa and Muhammad Rais Abdillah	Analysis of Changes in Convective Activities in the Event of Heavy Rain in Jakarta Using Himawari-8 Data and the RDCA Index (Case Study: Flood in Early January 2020)	R4-026
15:55 – 16:05	Discussion		
16:05 – 16:10	Moderator (conclusion)		

21 September 2021

Local Western Indonesia Time (GMT+7)

ROOM-5 SEMAR (Invited Speaker: Prof. Toshiaki Umezawa)

Chairs: Yoshikatsu Ueda, Juliet Berdera, Subyakto

Total: 1 invited talk + 22 articles

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Yeyen Nurhamiyah, Firda Aulya Syamani, Wida Banar Kusumaningrum and Nanang Masruchin	Thermal Properties of Acetylated Starch-Chitosan Based Bioplastic Film	R5-001
08:45 – 08:55	Yoshikatsu Ueda, Naoto Nihei, Ratanaporn Norarat and Minoru Tanigaki	Correlation Between Radiation Measurement on The Field Slopes Using KURAMA (Kyoto University Radiation Mapping System) and Environmental Radioactivity in the Soil Depth Direction	R5-002
08:55 – 09:05	Akhmad Berryl Widyartha, Muhammad Nurdin, La Ode Ahmad Nur Ramadhan, Andi Tenri Nurwahidah and Thamrin Azis	Enhancing Visible Light Adsorption of TiO ₂ /Ti Photocatalyst by co-doping Cr and N Elements and Its Application in Tetracycline Photoelectrochemical Degradation	R5-003
09:05 – 09:15	Discussion		

09:15 – 09:25	Nurul Amri Komarudin, Ashemir B Velaco, Elsera Br Tarigan and Yahya Shafiyuddin Hilmi	A Systematic Review: Environmental Quality and Exposure to Ammonia Concentration from the Processing of Natural Rubber to Crumb Rubber	R5-004
09:25 – 09:35	Riska Surya Ningrum, Fadia Idzni Rodhibilah, Dewi Sondari, Sudarmanto Sudarmanto and Dwi Ajjias Pramasari	Effect of Precipitation Time on the Physicochemical Properties of Modified Sago Starch	R5-005
09:35 – 09:45	Nur Indah Kartika Sani, Gusnidar, Frisa Irawan Ginting, Ahmad Yasir, Ahmad Fanani and Dian Fiantis	Evaluation of Land Suitability for Orange Plants (Citrus Sinensis L.) Post Eruption of Mount Sinabung, Karo District, North Sumatera	R5-006
09:45 – 09:55	Subyakto, Eko Widodo, Triyati, Naomi Damaria Lidya Andini Hutauruk, Rabiyyah Al Adawiyah and Kenji Umemura	Properties of Moulding Products from Sorghum Bagasse Combined with Alang-Alang Leaves, Sengon Wood or Bamboo using Citric Acid- Sucrose	R5-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10:20 – 10:40	Toshiaki Umezawa (Invited Talk)	Biomass utilization in tropical area for sustainable development	

10:40 – 10:50	Yuliati Indrayani, Sasa Sofyan Munawar and Jamaluddin Jamaluddin	Strategies for Improving the Quality of Sorghum Bagasse- Acacia Wood-Based Particleboard	R5-008
10:50 – 11:00	Apri Heri Iswanto and Muhammad Adly Rahandi Lubis	Technological Properties of Formaldehyde Free Adhesives based on Oxidized Starch Mixed with Different Cross-linkers for Plywood	R5-009
11:00 – 11:10	Thesalonica Yohana, M. Zuvan Maulana Fahrezi, Riska Surya Ningrum, Dwi Ajias Pramasari, Riksfardini Annisa Ermawar, Dewi Sondari and Euis Hermiati	Preliminary Study on The Utilization of Sugarcane Trash and Corncob for Xylo- oligosaccharides and Xylose Production through Dilute Acid Hydrolysis	R5-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Saftia Laila Rajmi, Gusnidar, Retno Leodita Lubis, Frisa Irawan Ginting, Fakhrijal Rizki Hidayat, Aldi Nanda Armer, Hazi Zuhakim, Novika Yulanda, Ichsan Faisal Syukri and Dian Fiantis	The Geochemical Properties of Volcanic Materials: After a Year Mt. Sinabung Eruption	R5-011
11:30 – 11:40	Sri Purwati, Djoko Sihono Gabriel and Kurnia Wiji Prasetiyo	Feasibility Test of Using Disposable Baby Diaper Waste as Raw Material for Fiberboard	R5-012
11:40 – 11:50	Maulida Oktaviani, Fahriya Sari, Benjarat Bunterngsook, Euis Hermiati, Verawat	Influence of Different Pretreatment Methods and Yeast Strains on Xylitol	R5-013

	Champreda and Takashi Watanabe	Production from Sugarcane Trash Hemicellulose Hydrolysate	
11:50 – 12:00	Discussion		
12:00 – 12:50	Moderator (closing)		
12:05 – 13:00	Break		
13:00 – 13:10	Bramantyo Wikantyo, Setiawan Khoirul Himmi, Tomoya Imai, Toshimitsu Hata and Tsuyoshi Yoshimura	The Morphological Features of Sensilla on Non-Olfactory Organs in the Soldier Caste of Subterranean Termite <i>Coptotermes</i> spp.	R5-014
13:10 – 13:20	Jeaneth Molano and Karyn Chrislene Vitor	Land Snail Species from Rice Paddies in Tagum City (Philippines)	R5-015
13:20 – 13:30	Juliet Berdera, Jean Amor Jamero, Reyna Jane Gontinas, John Gary Tejano and Karyn Chrislene Vitor	Intertidal Arthropods of Pantukan, Davao de Oro, Philippines	R5-016
13:30 – 13:40	Discussion		
13:40 – 13:50	Rattanaporn Norarat, Wichet Thipprasert, Vishnu Thonglek and Nantinee Srijumpa	Effects of Air-fine Bubbles Water on Cultivated Shiitake Mushroom in Thailand	R5-017
13:50 – 14:00	Fitrah Amelia, Ramses and Ismarti	Reduction of Copper and Lead Metal Content in Gonggong Snails Using Lime	R5-018
14:00 – 14:10	Ikhsan Nazar Arrahman	Environmental Impact Analysis through Heavy Metals Contained Sago Starch	R5-019

14:10 – 14:20	Retno Leodita Lubis, Juniarti, Saftia Laila Rajmi, Aldi Nanda Armer, Novika Yulanda, Fakhrijal Rizki Hidayat, Hazi Zulkhakim, Ichsan Faishal Syukri, Frisa Irawan Ginting and Dian Fiantis	Assessment of the Geochemical Weathering Indices of Volcanic Soil After the Eruption from Mount Sinabung in 2020	R5-020
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator		
14:35 – 14:45	Break		
14:45 – 14:55	Fenita Purnama Sari Indah	Effect of Community-Based Total Sanitation Program with Diarrhea Incidents in Children Under Five	R5-021
14:55 – 15:05	Bayu Nugraha and Nadhilah Humairah Salwa Salsabil	Mass Wasting Affected Area Mapping Based on Relative Difference of Normalized Difference Vegetation Index Using Google Earth Engine in Nusa Tenggara Timur (Case Study: Tropical Cyclone Seroja, 3 April 2021)	R5-022
15:05 – 15:15	Discussion		
15:15 – 15:20	Moderator (conclusion)		

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ROOM-6 JATAYU (Invited Speaker: Dr. Yasunobu Miyoshi)

Chairs: Masuda Shuto, Yuichi Otsuka, Prayitno Abadi

Total: 1 invited talk + 23 articles

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Agri Faturahman, Varuliantor Dear, Jiyo Harjosuwito, Afrizal Bahar, Asnawi Husin and Rezy Pradipta	Ionospheric Observation using Equatorial Atmosphere Radar (EAR) Kototabang for the 26 December 2019 Annular Solar Eclipse Research	R6-001
08:45 – 08:55	Muly Preti Mahayu, Ednofri and Alfiah Rizky Diana Putri	Study of the Characteristics of Ionospheric F layer above Kototabang during Flare Event on August 9, 2011	R6-002
08:55 – 09:05	Masuda Shuto, Yokoyama Tatsuhiko and Yamamoto Mamoru	Long-Term Analysis of Electron Density Observed by the MU Radar and Auto-Scaled Ionosonde Data	R6-003
09:05 – 09:15	Discussion		
09:15 – 09:25	Afrizal Bahar, Varuliantor Dear, Asnawi Husin, Jiyo Harjosuwito, Agri Faturahman and Rezy Pradipta	Exploring an Extension of Space Situational Awareness in Southeast Asian Region Utilizing EAR Observation data	R6-004

09:25 – 09:35	Yuichi Otsuka and Prayitno Abadi	Scintillation Drift Velocity Observed by Closely-Spaced GPS Receivers in Indonesia	R6-005
09:35 – 09:45	Anwar Santoso and Dyah Rahayu Martiningrum	Estimation of Geomagnetic Storm of Solar Cycle 24 Based on Solar Wind and Magnetic Field Parameters	R6-006
09:45 – 09:55	Prayitno Abadi, Gilland F. P. Achyar, Dyah R. Martiningrum, Reza R. Septiawan, Umar A. Ahmad and Septi Perwitasari and Punyawati Jamjareegulgarn	The Equatorial Spread-F Occurrence as Functions of Solar Activity, Geomagnetic Activity, and Evening Upward Plasma Drift Analyzed by Logistic Regression	R6-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10:20 – 10:40	Yasunobu Miyoshi (Invited Talk)	Impacts of the 2019 Antarctic stratospheric sudden warming event on the equatorial thermosphere and ionosphere	
10:40 – 10:50	Nizam Ahmad	The Characteristic of Ionospheric Plasma around a Bias Spacecraft in Space	R6-008
10:50 – 11:00	Dyah Rahayu Martiningrum, Prayitno Abadi, Anwar Santoso and Mamoru Yamamoto	Morphological of E-F Region Field Aligned Irregularities in Low Latitude	R6-009

11:00 – 11:10	Ednofri	Impact Of Plasma Depletion on The Occurrence of Scintillation in the Minimum Years Phase of Solar Cycle 23	R6-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Ni'Matus Sholikhah and Bambang Setiahad	Simulation of Solar Flare Mechanism Based on Ideal Magnetohydrodynamics State by Disrupting the Stability of Magnetic Field Due to the Plasma Momentum Injection	R6-011
11:30 – 11:40	Neflia Neflia	The Characteristics of Solar Flare and CMEs that Caused SPE during Solar Cycle 24	R6-012
11:40 – 11:50	Amatul Firdausya N. Cahyaningtyas, Siska Filawati and Silvi Oktavia Hanum	Flare Potentiality Associated to Different Sunspot Groups During Solar Cycle 24 Observed by LAPAN Pasuruan	R6-013
11:50 – 12:00	Discussion		
12:00 – 12:05	Moderator (Conclusion)		
12:05 – 13:00	Break		
13:00 – 13:10	Mario Batubara, Timbul Manik, Musthofa Lathif and Peberlin Sitompul	Optimization of Array System Configuration Using the Smoothed-Pad Algorithm	R6-014
13:10 – 13:20	Tiar Dani, Rhorom Priyatikanto, Anton	Solar Wind Speed Time-Series Forecasting Based on Long Short-	R6-015

	Winarko and Gerhana Puannandra Putri	Term Memory (LSTM) Neural Network Model	
13:20 – 13:30	Kazuo Shiokawa and Yuichi Otsuka	A Review of Observations of Equatorial Gravity Waves in the Mesosphere and Thermosphere Using an Airglow Imager at Kototabang, Indonesia	R6-016
13:30 – 13:40	Discussion		
13:40 – 13:50	Farahhati Mumtahana and Taufiq Hidayat	Continuum Study on Uranus at the Millimeter/submillimeter Wavelength with ALMA Data	R6-017
13:50 – 14:00	Yoga Andrian, Ahmad Zulfiana Utama and Rizal Suryana	The Implementation of API Gateway Architecture on Space Weather Information System	R6-018
14:00 – 14:10	Intan Perwitasari and Stevani Anggina	Risk Management of Spaceport in Indonesia: Vulnerability Level of Spaceport Biak	R6-019
14:10 – 14:20	Karunika Diwyacitta, Andy Indradjad and Budhi Gustiandi	Automatic True Color Composites Generation Based on NOAA JPSS Satellites Data	R6-020
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator (conclusion)		
14:35 – 14:45	Break		
14:45 – 14:55	Rizki Atthoriq Hidayat, Muhammad Hanif, Giant Amor and Hafizurrahman H	Utilization Of VIRRS Imagery in Analyzing Light Pollution as the Threat Towards Bird Performance in	R6-021

		the Region of Medan, North Sumatra, Indonesia	
14:55 – 15:05	I Putu Dedy Pratama, Ni Luh Desi Purnami, Pande Komang Gede Arta Negara and Putu Eka Tulistiwaan	Spatial and Temporal Lightning Analysis in Bali	R6-022
15:05 – 15:15	Alfiah Rizky Diana Putri, Robiatul Muztaba, Lesi Mareta, Mhd. Apri Arami, Muhammad Rizki Kurniawan, Adoni Theofilus, Jaka Pacitro, Fiqhy Alfath Faza Herzaditya and Hakim Luthfi Malasan	Sumatera, Indonesia: Development vs Dark Sky from Nightlight Perspective	R6-023
15:15 – 15:25	Discussion		
15:25 – 15:30	Moderator (conclusion)		

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ROOM-7 GATOTKACA (Invited Speaker: Peberlin Sitompul, Ph.D)

Chairs: Ryo Yabuki, Hubert Luce, Farid Lasmono

Total: 1 invited talk + 26 articles

Time	Authors	Title	ID
08:30 – 08:35	Moderator		
08:35 – 08:45	Rachmat Sunarya, Asif Awaludin and Wendi Harjupa	A Software Improvement Method for Radiosonde Platinum Sensor	R7-001
08:45 – 08:55	Soni Aulia Rahayu, Rachmat Sunarya, Edy Maryadi, Listi Restu Triani, Christine Cecylia Munthe	Performance Analysis of Platinum Wire Temperature Sensor for Radiosonde	R7-002
08:55 – 09:05	Jesi Pebralia and Iful Amri	A Low-Cost and Practical Method for Determining Raindrop Size from Spray Nozzle by Using a Mobile Phone Camera	R7-003
09:05 – 09:15	Discussion		
09:15 – 09:25	Ryo Yabuki, Hiroyuki Hashiguchi, Issei Terada and Mamoru Yamamoto	Study on Adaptive Clutter Rejection System Using External Receiving Antennas for the MU Radar	R7-004

09:25 – 09:35	Hubert Luce, Hiroyuki Hashiguchi, Lakshmi Kantha, Abhiram Doddi, Dale Lawrence and Masanori Yabuki	Revising the Models Used to Estimate TKE Dissipation Rates from UHF and VHF Radar Measurements	R7-005
09:35 – 09:45	Ryosuke Tamura, Koji Nishimura and Hiroyuki Hashiguchi	The Inversion Algorithm of Atmospheric Radar Signal Given by a 3-Dimensional Volume Scattering Semi-Physical Simulation	R7-006
09:45 – 09:55	Farid Lasmono, Risyanto, Fadli Nauval, Elfira Saufina, Teguh Harjana dan Trismidianto	Satellite Rainfall Estimation from Himawari-8 Multi Channels Observation Using Random Forest Algorithm	R7-007
09:55 – 10:05	Discussion		
10:05 – 10:10	Moderator (conclusion)		
10:10 – 10:20	Break		
10.20-10.40	Peberlin Sitompul (Invited Talk)	Indonesian Radio Telescope and Its Application in Radio Astronomy	
10:40 – 10:50	Risyanto, Farid Lasmono, Ibnu Fathrio, Dita Fatria Andarini, Fadli Nauval, Aisya Nafiisyanti, Ina Juaeni and Teguh Harjana	Estimation of TPW over Indonesian Maritime Continents Based on Himawari-8 Data Using Machine Learning Techniques	R7-008
10:50 – 11:00	Joko Sampurno, Valentin Vallaes, Randy Ardianto and Emmanuel Hanert	Machine Learning Models for Predicting the Daily Maximum Water Level in a Tidal River:	R7-009

		The Kapuas Kecil River Case Study	
11:00 – 11:10	Bunga Aprilia, Marzuki Marzuki, Imam Taufiq and Findy Renggono	Classification of Precipitation Types from Micro Rain Radar Observation using Artificial Neural Network	R7-010
11:10 – 11:20	Discussion		
11:20 – 11:30	Alya Syifa Ihsani, Anggunmeka Luhur Prasasti and Wendi Harjupa	Rain Prediction Using Convolutional Neural Network (CNN) Method Based on Digital Image	R7-011
11:30 – 11:40	Inggrid Wahyu Kinanti, Ade Romadhony, Indra Chandra and Azrina Abd Aziz	Artificial Neural Network Based Prediction of PM2.5 Mass Concentration in Bandung Metropolitan	R7-012
11:40 – 11:50	Aisyah Nafiisyanti	Interpolation Methods Evaluation on Arbitrary Straight Line Flight Weather Data	R7-013
11:50 – 12:00	Discussion		
12:00 – 12:05	Moderator (conclusion)		
12:05 – 13:00	Break		
13:00 – 13:10	Immanuel Jhonson Arizona Saragih	Comparison of Rainfall Prediction on WRF-3DVAR Model Satellite Data Assimilation Using Cold- and Warm Start Mode in North Sumatra region	R7-014

13:10 – 13:20	Ibnu Fathrio, Risyanto, Farid Lasmono, Dita Fatria, Teguh Harjana, Ina Juaeni, Fadli Nauval, Aisya Nafiisyanti and Agung Febrian Putra	Improving Numerical Weather Prediction by Assimilating Clear-Sky Infrared Radiance from Himawari-8 Satellite: A Case Study of Heavy Rainfall over Southeast Sulawesi	R7-015
13:20 – 13:30	Haries Satyawardhana, Erma Yulihastin, Gammamerdianti, Candra Nur Ihsan and Eka Putri Wulandari	Analysis of Spatial Comparison between Predicted Rainfall Based on Dynamic Model and Satellite	R7-016
13:30 – 13:40	Discussion		
13:40 – 13:50	Candra Nur Ihsan and Nova Agustina	Weather Prediction System Using Thomas-Fiering Model to Determine Initial Planting Recommendations in West Java Province	R7-017
13:50 – 14:00	Nining Jumianti, Marzuki, Wendi Harjupa, Risyanto and Muhammad Fadhlan Putranto	Prediction of Extreme Rainfall in Padang City Based on Clouds Brightness Temperature Difference from Himawari-8 Satellite Data	R7-018
14:00 – 14:10	Vira Friska, Deasy Arisa, Marzuki Marzuki and Fadilla Monica	Indo-Australian Plate Velocity Measurement During Interseismic Phase in 2011-2012 Using Sumatran GPS Array (SuGAR) Data	R7-019
14:10 – 14:20	Fadilla Monica, Deasy Arisa, Marzuki and Vira Friska	Deformation Analysis During the Pre-, Co- and Post-Seismic Phase Associated with the 2019	R7-020

		Mw6.0 Mentawai Earthquake Using Satellite Geodetic Technology from Sumatran GPS Array (SuGAR) Data	
14:20 – 14:30	Discussion		
14:30 – 14:35	Moderator (conclusion)		
14:35 – 14:45	Break		
14:45 – 14:55	Sri Hamdiyessi, Fery Kurnia Sandi, Rihadatul Aisy Syofyani Nasution, Fadilla Monica, Deasy Arisa, Marzuki Marzuki and Elistia Liza Namigo	Determining the Deformation Trend from Geodetic Measurement of the Indian Ocean Intraslab Earthquakes: As Obtained from the Sumatran GPS Array (SuGAR) Data	R7-021
14:55 – 15:05	Muhammad Hanif and Lina Handayani	2D and 3D Subsurface Model of Baribis Fault zone in West Java	R7-022
15:05 – 15:15	Muhammad Hanif, Adrin Tohari and Dadan Dani Wardhana	Palu Koro Fault Zone Subsurface Model from Microtremor Method and Its Relation to Potential Hazard	R7-023
15:15 – 15:25	Discussion		
15:25 – 15:35	Galang P. Refindo, Nabilla F. Syafitri, Tsany N. A. Yenuar, Muhammad Hamidi, Deasy Arisa, Marzuki and Elistia L. Namigo	Utilizing the Global Positioning System (GPS) Data from Sumatran GPS Array (SuGAR) to Measure Seismic Deformation Related to The Mw7.6 Padang Earthquake 2009	R7-024

15:35 – 15:45	Herizon Primadona, Ravidho Ramadhan, Reza Ananda Ramadhan, Vira Friska, Deasy Arisa, Marzuki Marzuki and Elistia Liza Namigo	Dynamics of West Coast of Sumatra and Island Arc Mentawai During the Coseismic Phase of the Mentawai Mw7.8 25 October 2010 Earthquake	R7-025
15:45 – 15:55	Andini Dwi Khairunnisa, Sachi Emelin Carissa and Tia Sella Isnaini	Flood Analysis in East Sumba Regency through Synthetic Aperture Radar Data with Geo-Artificial Intelligence (Geo AI) Applications Based on Cloud Computing	R7-026
15:55 – 16:05	Discussion		
16:05 – 16:10	Moderator (conclusion)		