

**21 September 2021**

**Local Western Indonesia Time (GMT+7)**

**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	<b>Manabu D. Yamanaka (Invited Talk)</b>	<b>EAR Construction Motivation Revisited: Indonesian Coastline Representing Earth</b>	
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 Sulistiyowati, I Dewa Gede Arya Putra and Osamu Kozaan	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)		