

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 PM _{2.5} 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 Birastru 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)		