

Time	Agenda
08.00 – 08.30	Registration
08.30 – 08.45	Welcoming Ceremony : Rampak Kendang (LSS ITB)
	National Anthem : Indonesia Raya
08.45 – 08.55	Organizing Committee Report: Dr. Trismidianto
08.55 – 09.05	Welcoming Speech : The Rector of ITB
09.05 – 09.20	Opening Speech : The Chairman of LAPAN
09.20 – 09.25	Opening Ceremony
09.25 – 09.30	Group Photo Session
09.30 – 09.45	1 st Keynote Speaker: The Minister of Research, Technology and Higher Education of The Republic of Indonesia
09.45 – 10.00	2 nd Keynote Speaker: The Chairman of BMKG
10.00 – 10.10	Coffee Break
Plenary Session	
Moderator : Dr. Ardhasena Sopaheluwakan (BMKG)	
10.10 – 10.30	Prof. Shigeo Yoden (Kyoto University)
10.30 – 10.50	Dr. Piotr Flatau (Scripps Institution of Oceanography, University of California)
10.50 – 11.10	Dr. Takahiro Osawa (CRE SOS, Udayana University)
11.10 – 11.30	Dr. Ninong Komala (LAPAN)
11.30 – 11.50	Prof. Adrian Matthews (University of East Anglia)
11.50 – 12.50	Lunch
Plenary Session	
Moderator : Dr. Ninong Komala (LAPAN)	
12.50 – 13.10	Prof. Edvin Aldrian (BPPT)
13.10 – 13.30	Prof. Hiroyuki Hashiguchi (RISH Kyoto University)
13.30 – 13.50	Dr. Ardhasena Sopaheluwakan (BMKG)
13.50 – 14.30	Poster Session
14.30 – 14.40	Coffee Break
14.40 – 17.05	Parallel Session
18.15	Gala Dinner: VIP only

Time	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
14.40 – 14.50	Air – Sea (AS)	Tropical (TR)	Atmospheric (AT)	Environment (EN)	Modelling (MO)	Observation (OB)	Application (CC)
14.50 – 15.05	Invited Speaker	Invited Speaker	Invited Speaker	Invited Speaker	Invited Speaker	Invited Speaker	Invited Speaker
15.05 – 15.20	Invited Speaker	Invited Speaker	AT02	Invited Speaker	Invited Speaker	Invited Speaker	CC01
15.20 – 15.35	AS01	TR01	AT03	EN07	MO01	OB01	CC02
15.35 – 15.50	AS02	TR02	AT04	EN01	MO02	OB02	CC03
15.50 – 16.05	AS03	TR03	AT05	EN02	MO05	OB03	CC04
16.05 – 16.20	AS04	TR04	AT06	EN03	MO04	OB04	CC05
16.20 – 16.35	AS05	TR05	AT07	EN04	AT01	OB09	CC06
16.35 – 16.50	AS06	TR06	AT09	EN05		AT08	CC07
16.50 – 17.05		TR07	AT10			AT13	CC08

15 minutes (Presentation : 10 minutes; Discussion : 5 minutes)

Time	Room 1	
14.40 – 14.50	Air-Sea Interaction (AS)	
	Convener : Dr. Kunio Yoneyama (JAMSTEC)	
	Moderator : Dr. Erwin Eka S.M (BMKG)	
14.50 – 15.05	Invited Speaker :	Dr. Ibnu Fathrio (LAPAN)
15.05 – 15.20	Invited Speaker :	Dr. Fadli Syamsudin (BPPT)
15.20 – 15.35	Andhika Hermawanto	Contrasting the Evolution of Extreme and Moderate Events of Positive Indian Ocean Dipole (Piod)
15.35 – 15.50	Iskhaq Iskandar	Warming Trend in The Indonesian Water: Dynamics and Its Possible Impact
15.50 – 16.05	Ayu Libiaty Ahmad	Thermal Front Condition Observed Through El Nino and ITF In Southern Waters of East Java and Bali on The East Monsoon
16.05 – 16.20	Jaka Anugrah Ivanda Paski	The Sea-Land Breeze Effect on The Diurnal Cycle of Convective Activities in Eastern Coast Of North Sumatera
16.20 – 16.35	Siswanto Siswanto	Air-Sea Interaction Mechanisms in The Generation of Persistence Low Pressure Area Over The Eastern Indian Ocean Southwest Sumatera Observed During The Indonesia Prima 2017 Field Campaign
16.35 – 16.50	Muhammad Yunus Ahmad M	Connection Between Southern Hemisphere Subtropical Jet Stream and El Nino Southern Oscillation

Time	Room 2	
14.40 – 14.50	Tropical Meteorology (TR) Convener : Dr. Matthew Wheeler (BoM) Moderator : Dr. Tri Wahyu Hadi (ITB)	
14.50 – 15.05	Invited Speaker :	Dr. Findy Renggono (BPPT)
15.05 – 15.20	Invited Speaker :	Dr. Tri Handoko Seto (BPPT)
15.20 – 15.35	Ida Pramuwardani	The Local Contribution Of Convectively Coupled Equatorial Waves (CCEW) Over Indonesian Region During Western North Pacific (WNP) and Australian (AU) Monsoon Phase
15.35 – 15.50	Adi Wibowo	Spatial Model of Air Surface Temperature from Landsat 8 In Part of Malaysia And Indonesia
15.50 – 16.05	Erianto Indra Putra	Precipitation Pattern Analysis Using TRMM Data For Peat Fire Risk Assessment
16.05 – 16.20	Thahir Daniel Hutapea	Interaction of MJO and Diurnal Cycle Observed by Radiosonde Data During The First YMC Campaign in Bengkulu (November 2017 - January 2018)
16.20 – 16.35	Mia Khusnul Khotimah	Characteristic Of Mesoscale Convective Complex (MCC) of The Borneo Island
16.35 – 16.50	Satoru Yokoi	Observational Study of Diurnal Cycle of Precipitation Over Tropical Coastal Waters
16.50 – 17.05	Siti Saleha	Characteristics of Extreme Rainfall Events That Caused Devastating Floods Across Peninsular Malaysia

Time	Room 3	
14.40 – 14.50	Atmospheric Sciences: Atmospheric Physics and Dynamics, Meteorology and Climatology, Atmosphere-Space Interaction (AT) Convener : Dr. Shuichi Mori (JAMSTEC) Moderator : Prof. Eddy Hermawan (LAPAN)	
14.50 – 15.05	Invited Speaker :	Givo Alsepan, M.Sc (IPB)
15.05 – 15.20	Cecep Rustana	Development of Algorithms for LST Measurement from NOAA-11/AVHRR Satellite Data
15.20 – 15.35	Haura Dzakira Sahla	Identification of Sea Breeze Circulation Based on Himawari-8 Satellite Image Over Jakarta Metropolitan Area
15.35 – 15.50	Kimpei Ichianagi	Stable Isotopes in Precipitation Observed at Bungkulu During The YMC2017
15.50 – 16.05	Mario Putra Suhana	Utilization of Remote Sensing and GIS Technology for Coastal Vulnerability Mapping in North Coast Of Bintan Island, Riau Islands Province
16.05 – 16.20	Slamet Supriyadi	Comparison of Some Methods of Calculation of Evapotranspiration in Pangkalpinang Bangka Belitung
16.20 – 16.35	Peiming Wu	The Effect of an Active Phase of the Madden-Julian Oscillation on Surface Winds on the Western Coast of Sumatera Island
16.35 – 16.50	Prawira Yudha Kombara	The Identification of Anabatic Wind in Bandung Basin on Several Convective Conditions
16.50 – 17.05	Rahmatia Ariyanti	Atmospheric Dynamics and Moisture Transport Forming Tropical Cyclones in Indonesian Maritime Continent

Time	Room 4	
14.40 – 14.50	Atmospheric Environment and Chemistry (EN) Convener : Prof.Ir. Puji Lestari Ph.D (ITB) Moderator : Dr. Ninong Komala (LAPAN)	
14.50 – 15.05	Invited Speaker :	Dr. Wiwiek Setyawati (LAPAN)
15.05 – 15.20	Invited Speaker :	Prof. Dr. Muhayatun Santoso (BATAN)
15.20 – 15.35	Kenshi Takahashi	Application of Laser Spectroscopy Techniques to Atmospheric Chemistry Studies in A Forest Environment
15.35 – 15.50	Arie Dipareza Syafei	The Influence of Environmental Conditions on Tropospheric Nitrogen Dioxide in Urban Areas in Indonesia
15.50 – 16.05	Armi Susandi	Development of Estimation Method For Ambient Air Pollution Exposure in Indonesia
16.05 – 16.20	Diah Dwiana Lestiani	Chemical Composition of Fine Particulate Matter from Peat Forest Fires At Palangkaraya and Its Dispersion Using Hysplit
16.20 – 16.35	Indra Chandra	Field Observation of Atmospheric Micron/Sub-Micron Particles Using Nano Sampler in Greater Bandung Air Basin, Indonesia
16.35 – 16.50	Yudha Djamil	Predictability Of 2015 Haze Event In Singapore Based On Equatorial Wave

Time	Room 5	
14.40 – 14.50	Atmospheric Simulation and Modelling (MO)	
	Convener : Prof. Fredolin Tangang (Malaysia)	
	Moderator : Prof. Edvin Aldrian (BPPT)	
14.50 – 15.05	Invited Speaker :	Dr. Nurjanna Joko T (ITB)
15.05 – 15.20	Invited Speaker :	Dr. Akhmad Faqih (IPB)
15.20 – 15.35	Amir Mustofa Irawan	Forecast of Tropical Cyclone Occurrences Based on Fuzzy Logic Algorithm
15.35 – 15.50	Hector Navarro Barboza	Simulation and Evaluation of PM10 in The City of Lima Using The Model WRF-Chem
15.50 – 16.05	Desak Made Pera Rosita D	Simulation of Sea-Breeze Events in Gulf of Jakarta under Different Synoptic Condition; an Application of WRF Model
16.05 – 16.20	BHENJAMIN JORDAN ONA	On The Microphysical Influence of Aerosol on Typhoon Hagupit: Virtual Seeding Using WRF Model
16.20 – 16.35	Albert Sulaiman	The Forced-Damped Nonlinear Schrodinger Equation Model for The Intraseasonal Oscillation

Time	Room 6	
14.40 – 14.50	Technology and Instrumentation of Atmospheric Observations, Database, Data Assimilation System (OB) Convener : Prof. Mamoru Yamamoto (RISH-Kyoto) Moderator : Mr. Halimurrahman (LAPAN)	
14.50 – 15.05	Invited Speaker :	Dr. Marzuki (UNAND)
15.05 – 15.20	Invited Speaker :	Dr. Ina Juani (LAPAN)
15.20 – 15.35	Alfan Sukmana Praja	The Indonesia In-House Radar Integration System (IIRIS) of Indonesian Agency for Meteorology Climatology and Geophysics (BMKG): Development, Constraint and Progress
15.35 – 15.50	Amalia Aisyah	The Spread of Dry Area Based on TVDI Index (Temperature Vegetation Dryness Index)
15.50 – 16.05	Asyrafinafilah Hasanawi	Web-Based Decision Support System for Location of Flood Disaster Evacuation, Bandung City, Indonesia
16.05 – 16.20	Devi Fatmasari	Effect of Radiance Data Assimilation Using WRF-3DVAR for Convective Rain Prediction on The Jakarta
16.20 – 16.35	Shoichi Shige	The Evolution of the GSMaP Algorithm: The Importance of Calibrated Ground-Based Radar Datasets over The Maritime Continent
16.35 – 16.50	Prashant Singh	Observational Analysis of Different Thunderstorm Predictors During Deep Convection Events over Himalayan Country Nepal
16.50 – 17.05	Takenari Kinoshita	A Study of Gravity Wave Activities Based on Intensive Radiosonde Observations at Bengkulu during YMC-Sumatra 2017

Time	Room 7	
14.40 – 14.50	Application of Atmospheric Science and Technology in Disaster, Maritime, and Climate Change (CC) Convener : Dr. Takahiro Osawa (Japan) Moderator : Dr. Didi Satiadi (LAPAN)	
14.50 – 15.05	Invited Speaker :	Dr. Laras Tursilowati (LAPAN)
15.05 – 15.20	Asyrafinafilah Hasanawi	Web-Based Decision support system for location of Earthquake Disaster Evacuation, Bandung City, Indonesia
15.20 – 15.35	Yus Budiyo	Different Atmospheric Phenomenons and The Modeled Flood Hazards in Western Jakarta Catchments
15.35 – 15.50	Hidayat Hidayat	Trend of rainfall over Indonesian Major Lakes from Tropical Rainfall Measuring Mission Data
15.50 – 16.05	Anis Purwaningsih	Performance of Decadal Model to Describe The Dominant Precipitation Mode over Indonesia During El Nino Southern Oscillation (ENSO) and Indian Ocean Dipole (IOD)
16.05 – 16.20	Made Nandini	Disaster Mapping as Decision Support System to Decrease The Abrasion Impact Due to Climate Change in Bantul Coast Area
16.20 – 16.35	Martha Anugerah	Detection of Drought Area using Greening Index and Wetness Index in Sukaresmi Subdistrict, Cianjur Regency, West Java
16.35 – 16.50	Mega Syamsuddin	Seasonal Variability of Thermal Front during 2015-2016 El Nino Event in Java Sea
16.50 – 17.05	Muhammad Zainuddin Lubis	The Impact of Corophyl-A, and Sea Surface Temperature (SST) Condition to Climate Change in Case Study Batu Ampar Waters, Riau Islands

Poster Session

AS31. Prasetyo Umar Firdianto. *Impact of Tropical Cyclone Cempaka and Dahlia to Sea Level Anomaly Variability in the Southern Coast of Java Island.*

AS32. Putri Dhika Savitri. *Interannual Variability of Cold Surge Event and Its Associated With Atmospheric Circulation.*

AS33. Rahaden Bagas Hatmaja. *Correlation and Coherence Analysis between Sea Surface Temperature (SST) and Surface wind in the Equatorial Western Sumatra Waters.*

AS34. Rahaden Bagas Hatmaja. *The Dynamics of Negative Indian Ocean Dipole and Its Relation to The Anomalous High Rainfall in West Java Province, Indonesia.*

AS35. Nurhastuti Anjar Rani. *Distribution of Chlorophyll-A and Sea Surface Temperature for Catching Area of Fish in Java Waters.*

AS36. Siswanto Siswanto. *Estimated Transport of Equatorial Undercurrent Observed at 90e During Indonesia Prima 2017.*

AS43. Rahmawati Syahdiza. *Land-Sea Breeze Observation using Radiosonde at Bogor.*

TR32. John Ariel Rojas. *Combined Influences of PDO, ENSO, and QBO on Tropical Cyclone Activity in the Western North Pacific.*

TR33. Junko Suzuki. *Primary Result of The Ozone Variability and The Dehydration Process in The UTLS during YMC Fields Campaign.*

TR34. Khalid Isnoor. *Impact of Borneo Vortex to Cloud Variability (Case Study : Heavy Rain on 10-13 January 2018 in West Kalimantan).*

TR35. Meri Yoseva. *Effect of Diurnal Variations of Raindrop Size Distribution on Rain Attenuation Estimation for Indonesia In Microwave-To-Terahertz Waveband.*

TR36. Muhammad Rais Abdillah. *Revisiting The Impact of Mid-Latitude Old Air Outbreaks on The Maritime Continent.*

TR37. Sri Muslimah. *A Daily Behavior of Tropospheric Ozone and Short-Term Strategies for Air Quality Control During Forest Fire 2015.*

AT31. Anis Purwaningsih. *Analysis the Extreme Rainfall In Bima Based On GSDMap Data And Surface Observation in 2014-2016.*

AT32. Arief Suryantoro. *Analysis of Spatial Variation of Surface Air Temperature, Cloud Coverage Fraction and OLR In Java Period 2003-2010.*

AT33. Putri Wulandari. *The Characteristics of Ozone Concentration over the Maritime Equatorial Stratospheric Region Derived from the Quasi-Biennial Oscillation.*

AT34. Dyah Rahayu Martiningrum. *Coupling of The Lower Atmosphere and Ionosphere During Tropospheric Mesoscale Convective Complexes (MCCs) Event.*

AT35. Eria Wahdatun Nangimah. *Hail Detection Using Single Polarization Weather Radar, Satellite, Radiosonde, and AWS Data on March 20th 2018 in Tangerang, Depok and Bandung.*

AT36. Hasmororini Sulistami. *Meteorological Study of Heavy Rain Using Satellite TRMM, Satellite MT-SAT and Reanalysis Data (Study Case of Flood in Serang)*

AT37. Junnaedhi I Dewa Gede Agung. *Comparison of Heat Flux Observation at Three Different Location around Bandung*

EN31. Sivaprasad P. *Study on Severe Haze Events Formed During Recent El Nino Years over The SE Asia*

EN32. Asri Indrawati. *The Distribution of Rainwater Acidity in Bandung*

EN33. Danang Eko Nuryanto. *Sensitivity of Planetary Layer Scheme in WRF-Chem Model for Predicting PM10 Concentration (Case study: Jakarta)*

EN34. Masahide Nishihashi. *Greenhouse Gases and Air Pollutants Monitoring Project around Jakarta Megacity*

EN35. Nani Cholianawati. *Linear Regression Model for Predicting Daily PM_{2.5} using VIIRS-SNPP and MODIS-AQUA AOT*

MO31. Danang Eko Nuryanto. *Sensitivity Study With Cumulus Parameterization Schemes and Initial Conditions for Simulation of The Mesoscale Convective System With High-Resolution WRF Model*

MO32. I Kadek Nova Arta Kusuma. *A Numerical Simulation of Turbulence Mechanism Near Deep Convection over North Sumatra, Indonesia*

MO33. Haries Satyawardhana. *Comparison of Seasonal Prediction Outputs Based on Dynamic Atmosphere Model and Observations (Case Study: Seasonal Prediction 2016-2017)*

MO34. Yudha Djamil. *Mid-Holocene Seasonal Climate Change Over Maritime Continent*

OB31. Gito Sugih Immanuel. *Real Time Air Quality Monitoring System in Three Sites (Bogor, Cibereum and Serpong)*

OB32. Fajar Dewangga. *The Development of Rainfall Estimation Model using Himawari-8 and Global Precipitation Measurement Multitemporal Meteorological Satellites Imageries in West Java Province*

OB33. Ernest Macalalad. *Variation of GNSS-Derived Precipitable Water Vapor over Manila in 2017*

OB34. Ginaldi Ari Nugroho. *Comparison and Analysis of The First Signal Detection of Two X-Band Radar with RGB Himawari Satellite Data in the V-Shape Localized Heavy Rainfall in March 17 2017 in Bandung Basin Indonesia*

CC31. Adenan Yandra Nofrizal. *Prediction of Hazard Flooding Seawater on Settlements in Padang City as A Impact of Climate Change with GIS And Remote Sensing Technology*

CC32. Amrih Halil. *The impact of Season Change to Salt Productivity in Pangenan Sub-District Cirebon Regency in 2013 And 2014*

CC33. Annisa Azizah. *An Application of Markov Chain Predicting Rainfall Data at West Jawa using Data Meaning Approach*

CC34. Candrasa Surya Dharma. *Wind Data Analysis using Fast Fourier Transform from Automatic Telemetry Weather Station in Sebatik for Monsoon Detection*

CC35. Elza Surmaini. *Exploring Standardized Precipitation Index for Predicting Drought on Paddy Rice in Indonesia*

CC36. Gabriella Adolong. *Indicating Forest and Land Fires Based on Smoke Distribution Detecting using Satellite Himawari-8 (Case Study: Forest and Land Fire in Kalimantan Tengah on October 2015)*

CC37. Irineu Rakhmah Fauziah. *Shallow Landslide Vulnerability Analysis in West Bandung Regency using TRIGRS for Landslide Disaster Mitigation*

CC38. Ivonne Radjawane. *Temporal and Spatial Variation of Surface Heat Flux in Makasar Strait*

CC44. Utia Suarma. *Urban Heat Islands towards Topographics and Daily Commute Effect along The Kaliurang Street in Yogyakarta*

Time	Agenda
08.30 – 08.50	Registration
08.50 – 09.05	3 th Keynote Speaker: Dr. Kunio Yoneyama (JAMSTEC)
Plenary Session	
Moderator : Prof. Eddy Hermawan (LAPAN)	
09.05 – 09.25	Dr. Matthew C. Wheeler (Bureau of Meteorology)
09.25 – 09.45	Dr. Tri Wahyu (ITB)
09.45 – 10.05	Prof.Ir. Puji Lestari Ph.D (ITB)
10.05 – 10.25	Dr. Jon Petch (UK Met Office)
10.25 – 10.35	Coffee Break
Plenary Session	
Moderator : Dr. Tri Wahyu (ITB)	
10.40 – 11.00	Prof. Mamoru Yamamoto (RISH Kyoto University)
11.00 – 11.20	Prof. Dr. Fredolin Tangang (Universiti Kebangsaan Malaysia)
11.20 – 11.40	Prof. Eddy Hermawan (LAPAN)
11.40 – 12.00	Qoosaku Moteki, Ph. D (JAMSTEC)
12.00 – 12.20	Shuichi Mori, Ph. D (JAMSTEC)
12.20 – 13.20	Lunch
13.20 – 14.20	Poster Session
14.20 – 14.35	Coffee Break
14.35 – 15.45	Parallel Session
15.45 – 16.00	Closing Ceremony

Time	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
14.35 – 14.45	Tropical (TR)	Tropical (TR)	Atmospheric (AT)	Modelling (MO)	Observation (OB)	Application (CC)	Application (CC)
14.45 – 15.00	TR08	TR12	AT11	MO03	OB05	CC09	CC13
15.00 – 15.15	TR09	TR13	AT12	MO06	OB06	CC10	CC14
15.15 – 15.30	TR10	TR14	AT14	MO07	OB07	CC11	CC15
15.30 – 15.45	TR11	TR15	AT15	MO08	OB08	CC12	CC16

15 minutes (Presentation : 10 minutes; Discussion : 5 minutes)

Time	Room 1	
14.35 – 14.45	Tropical Meteorology (TR) Convener : Dr. Matthew Wheeler (BoM) Moderator : Dr. Tri Wahyu Hadi (ITB)	
14.45 – 15.00	Tomoe Nasuno	Forecast Skill of Intraseasonal Oscillation Events over The Maritime Continent in A Global Cloud-System-Resolving Model
15.00 – 15.15	Immanuel Jhonson Arizona S	Study of Diurnal Variation of The Convective Activities in The Eastern Coast of North Sumatra
15.15 – 15.30	Muhammad Rezza Ferdiansyah	Information of Sea-Breeze Inland Penetration in Tropical-Coastal Urban Region Derived from Himawari-8 Visible Band Images
15.30 – 15.45	Suaydhi Suaydhi	On The Relationship Between Cross-Equatorial Flow and Seasonal Cycle of Rainfall over The Maritime Continent

Time	Room 2	
14.35 – 14.45	Tropical Meteorology (TR) Convener : Dr. Nurjanna Joko T (ITB) Moderator : Dr. Ibnu Fathrio (LAPAN)	
14.45 – 15.00	Anistia Hidayat	Characteristics of Squall Line over Indonesia and Its Vicinity Based on Himawari-8 Satellite Imagery and Radar Data Interpretation in Indonesia
15.00 – 15.15	Bakshi Hardeep Vaid	Unveiling of the SST Gradient over The South China Sea and Its Possible Relationship to The Asian Precipitation
15.15 – 15.30	Elfira Saufina	Diurnal Variations of Vertical Profile of Precipitation over Sumatra and Adjoining Ocean
15.30 – 15.45	Fadhil Rizki Muhammad	Influence of the Madden Julian Oscillation (MJO) on Extreme Rainfall and Temperature Events in Indonesia

Time	Room 3	
14.35 – 14.45	Atmospheric Sciences: Atmospheric Physics and Dynamics, Meteorology and Climatology, Atmosphere-Space Interaction (AT) Convener : Dr. Shuichi Mori (JAMSTEC) Moderator : Prof. Eddy Hermawan (LAPAN)	
14.45 – 15.00	Salis Deris Artikanur	Surface Temperature and Heat Fluxes: Comparison between Natural Forest and Oil Palm Plantation in Jambi Province Using Surface Energy Balance Algorithm for Land (SEBAL)
15.00 – 15.15	Siti Syairah Atiqah Azhar	The New Perspective of Possible Mechanism in Connection between the Sea Ice Extent Indian Sector and the Indian Summer Monsoon Rainfall
15.15 – 15.30	Tanmay Dhar	Designing Hydro-Meteorological Network to Resolve Hazards in Kumaun and Garhwal Himalayas
15.30 – 15.45	Fandy Balbo	Study of Drought Index using Standard Precipitation Index (SPI), Standard Precipitation Evaporation Index (SPEI), and Palmer Drought Severity Index (PDSI) Case Study: Cilacap

Time	Room 4	
14.35 – 14.45	Atmospheric Simulation and Modelling (MO) Convener : Prof. Fredolin Tangang (Malaysia) Moderator : Prof. Edvin Aldrian (BPPT)	
14.45 – 15.00	Alvin Christopher Galang V	The Atmospheric Effect Anthropogenic Emmisions to Large Asian Urban Agglomerations
15.00 – 15.15	Ferdika Amsal	Bias Correction of Daily Precipitation from Downscaled CMIP5 Climate Projections over The Indonesian Region
15.15 – 15.30	Miranti Indri Hastuti	Assimilation of Weather Radar Data Modelling Utilizes 3DVAR Technique for Rainfall Prediction
15.30 – 15.45	Supari Supari	Indonesian Climate under 2°C and 4°C Global Warming: Precipitation Extremes

Time	Room 5	
14.35 – 14.45	Technology and Instrumentation of Atmospheric Observations, Database, Data Assimilation System (OB) Convener : Prof. Mamoru Yamamoto (RISH-Kyoto) Moderator : Mr.Halimurrahman (LAPAN)	
14.45 – 15.00	Lukman Hakim	Measurement of Tropospheric Gravity Wave Activity over Indonesia
15.00 – 15.15	Pandu Septiawan	Numerical Analysis with Empirical Orthogonal Function Based on Singular Value Decomposition on Indonesia Forest Fire Signal
15.15 – 15.30	Wishnu Agum Swastiko	The Atmospheric Study of MCC (Mesoscale Convective Complex) in West Papua (Case Study Of 14 August 2017)
15.30 – 15.45	Koki Muguruma	Development of A Low Noise RASS Speaker Using A Parametric Array

Time	Room 6	
14.35 – 14.45	Application of Atmospheric Science and Technology in Disaster, Maritime, and Climate Change (CC) Convener : Dr. Laras Tursilowati (LAPAN) Moderator : Dr. Akhmad Faqih (IPB)	
14.45 – 15.00	Nizar Manarul Hidayat	Rice Plantation Projection Based on Scenario Representative Concentration Pathways (RCP) 4.5 in West Java
15.00 – 15.15	Yayang Fajar Pradhesta	Local Climate Zone Classification for Climate-Based Urban Planning using Landsat 8 Imagery
15.15 – 15.30	Rikha Mahmudiah	Choosing the Best Rainfall Projection Using Spatial-Based Validation. Case of East Java
15.30 – 15.45	Risandi Putra	Detection of Reef Scale Thermal Stress with Aqua and Terra MODIS Satellite for Coral Bleaching Phenomenon

Time	Room 7	
14.35 – 14.45	Application of Atmospheric Science and Technology in Disaster, Maritime, and Climate Change (CC) Convener : Dr. Takahiro Osawa (Japan) Moderator : Didi Satiadi (LAPAN)	
14.45 – 15.00	Rui Giusti	Spatio-Temporal Pattern of Extreme Rainfall Based on Observation Station Data in Cianjur Regency
15.00 – 15.15	Ryco Farysca Adi	Projecting Climatic Suitable Areas for Coffee Production in East Nusa Tenggara
15.15 – 15.30	Wenang Anurogo	Suitable Small Farm Reservoir Development Planning for Drought Disaster Risk Management of Agricultural Land Using Remote Sensing and GIS
15.30 – 15.45	Tri Indah Utami	Exposure of Dryland Farming to The ENSO Phenomenon in Kebumen District

Poster Session

AS37. Siti Azizah. *Identification of Atmosphere Circulation in Small Island (Case study: Karimun Java Island)*

AS38. Novi Yoviyanti. *Development of Teleconnection Model between Indian Ocean Dipole (IOD) with El Nino Modoki Phenomena Based on Box-Jenkins Statistical Model Analysis (Arima)*

AS39. Shailla Rustiana. *The Influence of ENSO and IOD During Mesoscale Convective Complex (MCC) to Rainfall in Indonesia*

AS40. Erma Yulihastin. *Propagate of The Diurnal Rainfall in The Jakarta Flood Events to The Cold Surge-Cold Tongue Interaction*

AS41. Antonni Saputra. *Model Development of Nino 3.4 and Indian Ocean Dipole (IOD) Anomalies Teleconnection*

AS42. Dian Adrianto. *Direct Wave Measurement Program at Western Java Sea for Strategic National Marine Technology Development*

TR31. Anis Sri Lestari. *Study of A Cold Surge And Borneo Vortex And Its Relation to Convective System.*

TR38. Wulan Wandarana. *Characteristics of Wind Field and Corioli Parameters in Indonesia During The Tropical Cyclone Cempaka and Dahlia Events*

TR39. Lavia Farareta Aiqiu. *Analysis of Mesoscale Convective Complex Activity during the Phase 4 of Madden Julian Oscillation Event (Case Study : Heavy Rain in Cilacap on Sept 16-17, 2016)*

TR40. Yoshua Ade Nugroho. *Identification of The Influence of Long Winter Season in 2017 - 2018 to The Forming of Strong Northerly Cold Surge Over West Indonesia*

TR41. Fajriani Samrin. *Analysis of Cempaka Tropical Cyclone 2017 Towards Rainfall Intensity Over Java Island Based on Himawari-8 and GSMaP Data*

TR42. Yunus Subagyo Swarinoto. *Atmospheric Dynamics Analysis of Tropical Cyclone Cempaka*

AT38. Rachmy Fitriani. *The Formation of Recurrent Precipitating Convective Cloud in Basin Topography Area*

AT39. Ray Kettaren. *Statistical Analysis of The Interaction Cold Surge with Cold Tongue Phenomena and The Impact on Rainfall At Jakarta*

AT40. Rima Syaraswati. *Characteristic of Convective Cloud Development Observed By X-Band Meteorological Radar In Bandung Basin*

AT41. Rino Saragih. *Identification of Mesoscale Convective Complex (MCC) Using Himawari-8 Satellite Infrared Channel Imagery (Case Of Study: Heavy Rain Event On February 8th, 2016 In Bangka Belitung)*

AT42. Saipul Hamdi. *Analysis of UV INDEX, UVB Insolation, and Sunshine Duration in Bandung at Year 2017*

AT43. Shailla Rustiana. *Detection of Monsoon Signal Observed by EAR and CHIRPS Data Analysis*

AT44. Rini Sibarani. *Diurnal Variation of Wind Direction and Cloud Development at Lake Toba, North Sumatera Indonesia*

EN36. Rosida. *The Influence of Aerosol on The Sunlight Divergence in The Atmospheric Indonesia*

EN37. Noraini Mohyeddin. *The Effects of Short and Long-Range Transport of Air Masses on The Mixing Ratios of CO₂, CH₄, Nox, PM₁₀, and PM_{2,5} at Bachok Marine Research Station (BMRS) in Peninsular Malaysia*

EN38. Sandy Herho. *The Impact of Car-Free Day Activities in Dago Area, Bandung, West Java in Reducing CO and CO₂ Gas Concentrations*

EN39. Sumaryanti. *Diurnal Pattern of PM₁₀ and CO in Riau as A Risk Forest Fire Area*

EN40. Syukria Kurniawati. *Identification of Potential Source Location of Sulphur at Urban Area Bandung using Conditional Probability Function (CPF)*

- EN41. Tuti Budiwati. *Impact of NH₃ Gases to Ammonium in Dry and Wet Deposition in Bandung*
- EN42. Waluyo Eko Cahyono. *Comparison of Ground-Based and Satellite-Based CO₂ Data in Indonesia*
- EN43. Adi Rakhman. *Air Quality During New Year's Eve Fireworks 2017 And 2018*
- MO35. Fitriana Lubis. *Skill of Probabilistic Forecast of The Commencement of Rainy Season Over Java Island Based on The Application of CA (Constructed Analogue) Method on CFSV2 (Climate Forecast System Version 2) Model Output*
- MO36. Nisrina Setyo Darmanto. *Future Urban Climate Projection in A Tropical Megacity Based On Global Climate and Local Urbanization Scenarios*
- MO37. Ma. Cathrene Lagare. *Evaluation of WRF-Hydro Models in Simulating Heavy Rainfall and Streamflow in The Talano Watershed: A Baseline Study for The Development of A Hydro Meteorological Flood Forecasting System for Davao City*
- MO38. Dennish Ari Putro. *Assessment of the Reliability of the Weather Research and Forecasting (WRF) Model to Predict Extreme Rainfall Events in Southern Java Island*
- OB35. Risyanto Risyanto. *Identification of Rainfall Area in Indonesia Using Infrared Channels of Himawari-8 Advance Himawari Imager (AHI)*
- OB36. Trya Meilusiani. *Identification of Sea Breeze Front and Its Effect on Convective Activity Over The West Cost of Makassar Using Doppler Weather Radar*
- OB37. Weng Sang Yip. *Verification of an NWP Blended Radar Nowcasting System During Two Severe Rainstorm Events*
- CC39. Mahmud. *The Vulnerability of Climate Change in Indonesia to Renewable Energy*
- CC40. Mugni Hadi Hariadi. *Projected Drought Severity Changes in Southeast Asia Under Medium and Extreme Climate Change*
- CC41. Muhammad Hanif. *Multi Spectral Satellite Data to Investigation Land Expansion, Micro Climate Change Threat of Environment*
- CC42. Richard Mahendra Putra. *An Evaluation Graph Of Hourly Rainfall Estimation. Example Case, Malang 2009-2017*
- CC43. Riris Ayu Wulandari. *Trajectory and Dispersion Model Analysis from Volcanic Ash (Case Study: Eruption of Mounth Sinabung At February 19, 2018)*
- CC45. Muhammad Fiqi Fadillah. *Identification The Influence of Climate Change on Production of Lemuru Fishing (Sardinella lemuru) at Bali Strait*
- CC46. Amalia Nurlatifah. *West Nusa Tenggara Rainfall Scenario in 2040 based on CCAM RCP 4.5*
- CC47. Yeli Sarvina. *Improvement of Transfer Approach Climate Model Output and Meteorological Station Data for Extreme Precipitation*

Day 3

Friday, September 21st 2018 (limited participants)

09.00 - finish

City Tour with BANDROS

