



The 9th Asia/Oceania Meteorological Satellite User's Conference

Jakarta, 8 – 10 October 2018

October 8th, Monday

ID	Start	End	Duration (hour)	Item	Contact
	07:30 AM	08:30 AM	1:00	Registration	
OPENING CEREMONY					
	08:30 AM	09:00 AM	0:30	Indonesian Traditional Dance	
OC – 1	09:00 AM	09:05 AM	0:05	Chair ICSC	Dr. James F.W. Purdom
OC – 2	09:05 AM	09:10 AM	0:05	Director General of BMKG Indonesia	Prof. Dwikorita Karnawati
OC – 3	09:10 AM	09:15 AM	0:05	President of RAV	Dr. Andi Eka Sakya
OC – 4	09:15 AM	09:20 AM	0:05	Senior Principal Research Scientist, BoM	Prof. John Francis Le Marshal
OC – 5	09:20 AM	09:25 AM	0:05	Deputy Administrator of CMA	Dr. Xinwen YU
OC – 6	09:25 AM	09:30 AM	0:05	Chief Scientist of EUMETSAT	Dr. Kenneth Holmlund
OC – 7	09:30 AM	09:35 AM	0:05	Scientist-G, NCMRWF, India Meteorological Department	Dr. Vijapurapu S. Prasad
OC – 8	09:35 AM	09:40 AM	0:05	Senior Supervisor for Satellite Operations of Satellite Program Division, JMA	Dr. Hiroshi Kunimatsu
OC – 9	09:40 AM	09:45 AM	0:05	Director of Earth Observation Research Center JAXA	Prof. Teruyuki Nakajima
OC – 10	09:45 AM	09:50 AM	0:05	Director of Satellite Development Division of NMSC Korean Meteorological Administration	Dr. Seonghoon Cheong
OC – 11	09:50 AM	10:55 AM	0:05	Chief Program Scientist, NOAA/NESDIS	Dr. Mitchell Goldberg
OC – 12	09:55 AM	10:00 AM	0:05	Director of Research Center for ROSHYDROMET	Prof. Vasily Asmus
OC – 13	10:00 AM	10:05 AM	0:05	Chief of the Satellite Data Utilization Division, World Meteorological Organization	Dr. Werner Balogh
	10:05 AM	10:40 AM	0:35	Break and Group Photo	
SESSION 1: CURRENT AND FUTURE METEOROLOGICAL SATELLITE PROGRAMS AND USER ACTIVITIES/PLANS WITHIN ASIA/OCEANIA					
S1 – 1	10:45 AM	11:05 AM	0:20	Opportunities From The New Generation Satellites Abstract Presentation	Dr. James F.W. Purdom, Chair ICSC
S1 – 2	11:05 AM	11:25 AM	0:20	Status of Current and Future NOAA	Dr. Mitchell

				Satellite Programs Abstract Presentation	Goldberg, NOAA USA
S1 – 3	11:25 AM	11:45 AM	0:20	Status of EUMETSAT Satellite Programmes Abstract Presentation	Dr. Kenneth Holmlund, EUMETSAT Germany
S1 – 4	11:45 AM	12:05 PM	0:20	Key Satellite Activities at The Bureau of Meteorology Abstract Presentation	Prof. John Francis Le Marshal, BoM Australia
	12:05 PM	13:00 PM	0:55	Lunch	
S1 – 5	13:00 PM	13:20 PM	0:20	CMA FengYun Meteorological Satellite Program Abstract Presentation	Dr. Peng Zhang, CMA China
S1 – 6	13:20 PM	13:40 PM	0:20	Status of COMS and GeoKOMPSAT-2A Programs Abstract Presentation	Dr. Chu-Yong Chung, KMA South Korea
S1 – 7	13:40 PM	14:00 PM	0:20	Overview of Current and Future Himawari Satellite Programs Abstract Presentation	Hiroshi Kunimatsu, JMA Japan
S1 – 8	14:00 PM	14:20 PM	0:20	Current State and Prospects of Russian Earth Observation Satellite Systems Abstract Presentation	Prof. Vasily Asmus, ROSHYDROMET Russia
S1 – 9	14:20 PM	14:40 PM	0:20	Support to WMO Members to Ensure Operational Access to and Use of Satellite Data and Products Abstract Presentation	Dr. Mikael Rattenborg, WMO
S1 – 10	14:40 PM	15:00 PM	0:20	Efforts to Assimilate Satellite Data sets in NWP models Abstract Presentation	Dr. Vijapurapu S. Prasad, IMD India
S1 – 11	15:00 PM	15:20 PM	0:20	Satellite Data utilization To Support Disaster Risk Reduction Plans in Indonesia Abstract Presentation	Dr. Mulyono R. Prabowo, BMKG Indonesia
S1 – 12	15:20 PM	15:40 PM	0:20	Satellite Based Meteorological Disaster Early Warning System Abstract Presentation	Prof. Dr. Thomas Djamaluddin, LAPAN Indonesia
	15.40 PM	16.00 PM	0:20	Break	
SESSION 2: CAPACITY BUILDING AND TRAINING ACTIVITY					
S2 – 1	16:05 PM	16:20 PM	0:15	18 Years of Interactions between WMO VLab Members to Ensure Satellite Usage	Dr. Hyesook Park, KMA South Korea

				Through Training and Promote Capacity Building Abstract Presentation	
S2 – 2	16:20 PM	16:35 PM	0:15	Satellite Meteorology Training in WMO RA V during 2017/2018: The Australian VLab Centre of Excellence Experience Abstract Presentation	Bodo Ivar Zeschke, BoM Australia
S2 – 3	16:35 PM	16:50 PM	0:15	BMKG InaRTC Online Learning Activities: Challenges of Meteorological Satellite Utilization in Determining Indonesia Local Scale Weather Characteristics Abstract Presentation	Maman Sudarisman, Pusdiklat BMKG Indonesia
S2 – 4	16:50 PM	17:05 PM	0:15	The Power of International Coordination for Integrated Earth Observations Abstract Presentation	Mary Ann Kutny, NESDIS NOAA USA
	Total		09:35		
	WELCOME DINNER				

October 9th, Tuesday

ID	Start	End	Duration (hour)	Item	Contact
SESSION 3: ATMOSPHERIC PARAMETERS DERIVED FROM SATELLITE OBSERVATIONS					
S3 - 1	08:30 AM	08:45 AM	0:15	Development and validation of AIRS dust height using deep learning model with CALIOP data Abstract Presentation	Hanbyul Lee, NMSC KMA South Korea
S3 - 2	08:45 AM	09:00 AM	0:15	Processing, quality controls and performances of FY3C/3D GNOS data Abstract Presentation	Mi Liao, NSMC CMA China
S3 - 3	09:00 AM	09:15 AM	0:15	Atmospheric boundary-layer flow retrievals from Himawari-8 images using thermal image velocimetry Abstract Presentation	Muhammad Reza Ferdiansyah, Tokyo Institute of Technology Japan
S3 - 4	09:15 AM	09:30 AM	0:15	Surface Solar Radiation Estimation In Malang Using IR1 Channel Satellite Data Regression Abstract Presentation	Rikha Rizki Mahmudiah, STMKG Indonesia
	09:30 AM	09:45 AM	0:15	Break	
SESSION 4: SATELLITE PRECIPITATION MEASUREMENTS					
S4 - 1	09:50 AM	10:05 AM	0:15	Toward a Blended Australian Rainfall Product: Evaluating Satellite Convective Rainfall. Abstract Presentation	Mark Anthony Broomhall, BoM Australia
S4 - 2	10:05 AM	10:20 AM	0:15	GEO-KOMPSAT-2A AMI Algorithms for Precipitation Products: Status and Ongoing Works Abstract Presentation	Prof. Dong-Bin Shin, Yonsei University South Korea
S4 - 3	10:20 AM	10:35 AM	0:15	Implementation of Artificial Neural Network Multi Layer Perceptrons Algorithm on Rainfall Estimation (Case Study: Heavy Rain during Dry Season on Juni 23rd -24th, 2018) Abstract Presentation	Nanda Alfuadi, BMKG Indonesia
S4 - 4	10:35 AM	10:50 AM	0:15	Evaluation of Satellite-Based Precipitation Products in Capturing Precipitation Extremes over Indonesia Abstract Presentation	Supari, BMKG Indonesia
	10:50 AM	12:20 PM	1:30	POSTER SESSION	

	12:20 PM	13:25 PM	1:05	Lunch	
	SESSION 5: FACILITATION OF DATA ACCESS AND UTILIZATION				
S5 - 1	13:30 PM	13:45 PM	0:15	Visualizing Himawari and GOES-R imagery with the Satellite Information Familiarization Tool Abstract Presentation	Dr. Jordan Joel Gerth, University of Wisconsin-Madison USA
S5 - 2	13:45 PM	14:00 PM	0:15	CSPP GEO: Software for Processing Direct Broadcast Data Abstract Presentation	Jessica Braun, CIMSS USA
S5 - 3	14:00 PM	14:15 PM	0:15	CSPP LEO Software: Supporting Global Direct Broadcast Polar Orbiter Satellite Applications Abstract Presentation	Prof. Kathleen Strabala, CIMSS SSEC USA
S5 - 4	14:15 PM	14:30 PM	0:15	Status and Utilization of Fengyun Geostationary Satellites Abstract Presentation	Xiaohu Zhang, NSMC CMA China
S5 - 5	14:30 PM	14:45 PM	0:15	Application of FY-3' Products in Weather Climate Analysis and Environment Disaster Abstract Presentation	Prof. Song Yan Gu, NSMC CMA China
S5 - 6	14:45 PM	15:00 PM	0:15	Usage of Himawari-8 data to develop LV2 product algorithms of GEO-KOMPSAT-2A Abstract Presentation	Kim Taehyun, NMSC KMA South Korea
S5 - 7	15:00 PM	15:15 PM	0:15	Data Service Plan of Geo-KOMPSAT-2A Abstract Presentation	Shin Ah-Young, NMSC KMA South Korea
S5 - 8	15:15 PM	15:30 PM	0:15	Ground Segment of the GK-2A Meteorological Satellite Abstract Presentation	Won Chan Jung, ETRI South Korea
S5 - 9	15:30 PM	15:45 PM	0:15	Development of Low Resolution Remote Sensing Data Acquisition, Processing and Cataloging System Integration Based on Virtual Ground Station in order to Provide National Environment and Disaster Mitigation Data Abstract Presentation	Hidayat Gunawan, LAPAN Indonesia
S5 - 10	15:45 PM	16:00 PM	0:15	GOES-R Series Products and Future Application Abstract Presentation	Dr. James D. Sims, NOAA NESDIS USA

	16:00 PM	16:15 PM	0:15	Break	
	SESSION 6: APPLICATION OF SATELLITE DATA FOR CLIMATE AND ENVIRONMENTAL MONITORING				
S6 – 1	16:20 PM	16:35 PM	0:15	Short-lived climate pollutant issues on the earth's climate change phenomenon Abstract Presentation	Prof. Teruyuki Nakajima, JAXA Japan
S6 – 2	16:35 PM	16:50 PM	0:15	Polarizing rain types linked to June drought in the Korean peninsula over last 20 years Abstract Presentation	Prof. B.J Sohn, Seoul National University South Korea
S6 – 3	16:50 PM	17:05 PM	0:15	JPSS Data Products and Applications for Environmental Monitoring Abstract Presentation	Lihang Zhou, NOAA USA
S6 – 4	17:05 PM	17:20 PM	0:15	Use of OMI-AURA satellite data to analyse the characteristics of ozone and UV index in Indonesia Abstract Presentation	Dr. Ninong Komala, LAPAN Indonesia
S6 – 5	17:20 PM	17:35 PM	0:15	An online monitoring system for thermal environment based on Himawari-8 Abstract Presentation	Dr. Guicai Li, NSMC CMA China
	Total		09:05		

October 10th, Wednesday

ID	Start	End	Duration (hour)	Item	Contact
SESSION 7A: APPLICATION OF SATELLITE DATA TO WEATHER ANALYSIS AND DISASTER MONITORING, NOWCASTING AND FORECASTING					
S7A - 1	08:30 AM	08:45 AM	0:15	Introduction to user readiness process for Geo-Kompsat-2A meteorological products development Abstract Presentation	Sangjin Lee, KMA South Korea
S7A - 2	08:45 AM	09:00 AM	0:15	Characteristics of satellite products for the detection of Asian dust compared to surface observations Abstract Presentation	Jeongho Park, NMSC KMA South Korea
S7A - 3	09:00 AM	09:15 AM	0:15	Using the New Generation of Geostationary and Polar Satellite Data in Monitoring Flooding and Fires Abstract Presentation	Dr. Mitchell D. Goldberg, NOAA USA
S7A - 4	09:15 AM	09:30 AM	0:15	Rayleigh correction of Himawari-8 Advanced Himawari Imager data for the production of vivid true colour imagery Abstract Presentation	Dr. Mark Anthony Broomhall, BoM Australia
S7A - 5	09:30 AM	09:45 AM	0:15	Utilization of Infrared and Water Vapor Channel Combination in Making the Modification of RGB Composite for Nighttime Convective Cloud Monitoring (Case Study of Tropical Cyclone Cempaka and Dahlia) Abstract Presentation	Bony Septian Pandjaitan, BMKG Indonesia
S7A - 6	09:45 AM	10:00 AM	0:15	Convective Scale Interaction Abstract Presentation	Dr. James F.W. Purdom, CIRA USA
S7A - 7	10:00 AM	10:15 AM	0:15	Convective Cloud Information (CCI) product for SIGMET coordination groups derived from Himawari-8 datasets Abstract Presentation	Yusuke Ioka, NMSC JMA Japan
	10:15 AM	10:30 AM	0:15	Break	
SESSION 7B: APPLICATION OF SATELLITE DATA TO WEATHER ANALYSIS AND DISASTER MONITORING, NOWCASTING AND FORECASTING					
S7B - 1	10:35 AM	10:50 AM	0:15	A Unique Flood Monitoring Technique based on Pseudo-color RGB Imagery using Geo and Leo Satellite Observations Abstract Presentation	Prof. Sungwook Hong, Sejong University South Korea
S7B - 2	10:50 AM	11:05 AM	0:15	Satellite Imagery for Identifying The	Agita Vivi

				Track of Northerly Cold Surge Abstract Presentation	Wijayanti, BMKG Indonesia
S7B – 3	11:05 AM	11:20 AM	0:15	The use of Himawari-8 data and data composites in developing case studies within the Australasia-Pacific region: The Australian VLab Centre of Excellence experience Abstract Presentation	Bodo Ivar Zeschke, BoM Australia
S7B – 4	11:20 AM	11:35 AM	0:15	Typhoon Maria Observed from Fy-3/4 Satellites Abstract Presentation	Dr. Fuzhong Weng, CMA China
S7B – 5	11:35 AM	11:50 AM	0:15	Monitoring Tropical Storms with EUMETSAT Satellite Data Abstract Presentation	Dr. Kenneth Holmlund, EUMETSAT Germany
S7B – 6	11:50 AM	12:05 PM	0:15	Study of Cyclogenesis for Three Tropical Cyclone in West Pacific (TC HAIMA, MERANTI and NERPATAK) with single analysis channel WV and RGB air mass technique Abstract Presentation	Rion Suaib Salman, BMKG Indonesia
	12:05 PM	13:05 PM	1:00	Lunch	
SESSION 8: APPLICATION OF SATELLITE DATA TO NUMERICAL WEATHER PREDICTION					
S8 - 1	13:10 PM	13:25 PM	0:15	Comparison of High and Low Resolution Sea Surface Temperature Satellites Data Assimilation Using Atmosphere-Ocean Model : A Multi-Model Approach Abstract Presentation	Khafid Rizki Pratama, STMKG Indonesia
S8 - 2	13:25 PM	13:40 PM	0:15	AI and Big Data for Satellite Data Application Innovation Abstract Presentation	Dr. HL Allen Huang, University of Wisconsin USA
S8 - 3	13:40 PM	13:55 PM	0:15	Implementation The Artificial Intelligence Algorithm on Weather Nowcasting using Himawari-8 in Indonesia Abstract Presentation	Agie Wandala Putra, BMKG Indonesia
SESSION 9: LAND SURFACE AND OCEAN PARAMETERS DERIVED FROM SATELLITE OBSERVATIONS					
S9 - 1	14:00 PM	14:15 PM	0:15	Mapping Air - Sea Parameter Risk Index Based on Meteorological Review to Support the Operational Works of Sea Tol Road Program	Anistia Malinda Hidayat, STMKG Indonesia

				Abstract	Presentation	
S9 - 2	14:15 PM	14:30 PM	0:15	The influence of sea surface temperature dynamic to the rainfall clouds development in the closed terrain environment of Yogyakarta		Dr. Wirastuti Widyatmanti, Gadjah Mada University Indonesia
				Abstract	Presentation	
S9 - 3	14:45 PM	15:00 PM	0:15	Mapping of Pearl Oyster Potential Cultivation Areas (Pinctada Maxima) using Satellite Imagery based on Hydrometeorological Parameters on Seasonal Patterns in the Waters of Lombok, Nusa Tenggara Barat		Abdul Hamid Al Habib, STMKG Indonesia
				Abstract	Presentation	
S9 - 4	15:00 PM	15:15 PM	0:15	Rapid Hotspot Detection using Himawari-8 (GeoHotspot)		Alpon Sepriando, BMKG Indonesia
				Abstract	Presentation	
	15:15 PM	15:30 PM	0:15	Break		
SESSION 10: GLOBAL SPACED-BASED INTER-CALIBRATION SYSTEM (GSICS)						
S10 – 1	15:35 PM	15:50 PM	0:15	Himawari-8,9/AHI Radiometric Calibration and Validation on GSICS: Their Importance and Benefits		Yusuke Yogo, NMSC JMA Japan
				Abstract	Presentation	
S10 – 2	15:50 PM	16:05 PM	0:15	Development of Cal/Val website for Russian Meteorological Satellites		Prof. Alexander Uspensky, SRC Planeta Russia
				Abstract	Presentation	
S10 – 3	16:05 PM	16:20 PM	0:15	Early orbit performance evaluation of FY-3D optical sensors using CMA GSICS platform		Dr. Xiuqing Hu, NSMC CMA China
				Abstract	Presentation	
S10 – 4	16:20 PM	16:35 PM	0:15	FY-3D HIRAS On-orbit Performance: Provisional Version		Dr. Chunqiang Wu, NSMC CMA China
				Abstract	Presentation	
	16:35 PM	17:35 PM	1:00	Panel Discussion		
	17:35 PM	END		Summary and Closure		