

Annex 1:

## 2019 FENGYUN Satellite User Conference

### Provisional Agenda

*(Haikou · China, 15–17 November 2019)*

*15 November 2019*

**Hexie Ballroom 3<sup>rd</sup> floor**

Time	Agenda	Chair
<b>9:00-10:00</b>	<b>Opening ceremony</b>	YU Xinwen
<b>Plenary Session</b>		
<b>10:00-10:20</b>	Current status and future plan of FENGYUN meteorological satellite - ZHANG Peng, Deputy Director General, NSMC/CMA	YANG Jun
<b>10:20-10:40</b>	The utility of EUMETSAT satellite data to support regional earth observation in the Belt and Road area - Dr. Kenneth Holmlund- EUMETSAT	
<b>10:40-11:00</b>	The use of international and Chinese satellites to support critical applications in the belt and road region -Mitch Goldberg - NOAA/NESDIS	
<b>11:00-11:20</b>	China High-resolution Earth Observation System & the “Belt and Road” Space Information Corridor -WANG Cheng, Deputy Director General, China National Space Administration	
<b>11:20-11:40</b>	Benefit of APSCO DSSP to meteorology in Asia and Pacific -XU Yansong, Director General of Department of Program Operation and Data Service of APSCO	
<b>11:40-12:00</b>	Realization of a dream: The new generation of meteorological satellites -James Purdom	
<b>12:00-14:00</b>	<b>Lunch</b>	

Time	Agenda	Reporter	Chair
14:00-14:25	<b>Keynote Presentation:</b> Scientific innovations in FENGYUN satellite research and applications	CAMS -WENG Fuzhong	ZHANG Peng / WENG Fuzhong
14:25-14:50	Introduction to data and products of FENGYUN polar orbiting satellites	NSMC -HU Xiuqing	
14:50-15:15	CMA FENGYUN geostationary satellite ground segment overview: data and products.	NSMC -LU Feng	
15:15-15:45	Break		
15:45-16:10	Overview of FY meteorological satellite global data sharing and application services	NSMC -TANG Shihao	
16:10-16:35	Overview of world meteorological center Beijing and future prospective	NMC -WANG Yi	
16:35-17:00	Introduction of meteorological data service platform based on public cloud	NMIC - ZHANG Zhiqiang	
18:00-20:00	<i>Ice breaking Party</i>		

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Time	Agenda	Reporter	Chair
FENGYUN Satellite application and requirements from international users			TANG Shihao/ ZHANG Jinbin
9:00-9:20	<b>Keynote Presentation:</b> Assimilation progress at ECMWF with a focus on impact of FY satellite data	Steve English	
9:20-9:35	Activities of “geosciences department, IIRS”-India	Riddhish Chetan Soni	
9:35-9:50	Current status of satellite application in Lao PDR- Lao PDR	Vanhdy Douangmala	

Time	Agenda	Reporter	Chair
9:50-10:05	Malaysia report related to satellite data applications-Malaysia	Shamshumar Bin Shuhani	TANG Shihao/ ZHANG Jinbin
10:05-10:20	Maldives meteorological service - Maldives	Ahmed Rasheed	
10:20-10:35	Mongolia report related to satellite data applications- Mongolia	Mongolia	
10:35-11:00	Break		
11:00-11:15	State space monitoring system of Roshydromet: current opportunities and development prospects- Russia	Anastasiya Voronova	
11:15-11:30	Seychelles report related to satellite data applications- Seychelles	Chantale Bijoux	
11:30-11:45	Sri Lanka report related to satellite data applications- Sri Lanka	W.N.S. Rupasinghe	
11:45-12:00	Satellite meteorology service and application of satellite products in tajikistan- Tajikistan	Noyoftova Nigorbegim	
12:00-12:15	Vietnam report related to satellite data applications- Vietnam	Vietnam	
12:15-14:00	<b>Lunch</b>		
FENGYUN Satellite Application in Global Weather Monitoring and Forecasting			LI Jun /LU Feng
14:00-14:20	<b>Keynote Presentation:</b> Storm warning and tracking in pre-convection environment from the new generation of geostationary weather satellite advanced imager measurements- UW-Madison	LI Jun	
14:20-14:40	Bangladesh report related to satellite data applications- Bangladesh	Bangladesh	

Time	Agenda	Reporter	Chair
14:40-15:00	Enhanced FY-4A satellite products for monitoring tropical storm "PODUL" in Thailand-Thailand	Somkuan Tonjan	LI Jun /LU Feng
15:00-15:20	FY-3D 1DVAR sounding system with scene-dependent error covariances and its applications for typhoon monitoring - CAMS	HU Hao	
15:20-15:40	The progress of FENGYUN series satellite data assimilation in GRAPES-4DVar system-NWPC	ZHANG Hua	
15:40-16:00	FY-3 data usage at the Met Office – UK (Remotely presentation via WebEx)	Fabien Carminati	
16:00-16:20	Break		
16:20-16:40	Application of FENGYUN satellite products at the Hong Kong observatory-Hong Kong	SO Chi-kuen and CHAN Ying-wa	
16:40-17:00	FENGYUN satellite global view of tropical cyclones- NSMC	WANG Xin	
17:00-17:20	FY meteorological satellite data application in weather analysis- NSMC	REN Suling	
17:20-17:40	Application of FENGYUN satellite data in climate monitoring- NSMC	LIU Jian	
18:00-20:00	<i>Dinner</i>		

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FENGYUN Satellite Application in Global Ecological Environment Monitoring			HU Xiuqing
9:00-9:20	<b>Keynote Presentation:</b> Community Satellite Processing Package (CSPP)- serving savvy FY satellite users - University of Wisconsin	Allen Huang	

<b>Time</b>	<b>Agenda</b>	<b>Reporter</b>	<b>Chair</b>
<b>9:20-9:40</b>	An object-oriented approach for generating clear-sky composite image based on time series analysis using FY-3D MERSI- Wuhan University	SUN Kaimin	HU Xiuqing
<b>9:40-10:00</b>	Application of FY satellite data in global agriculture- NSMC	ZHANG Yeping	
<b>10:00-10:20</b>	Aerosol retrieval over land from MERSI onboard Chinese FENGYUN-3 satellite-Henan Polytechnic University	YANG Leiku	
<b>10:20-10:40</b>	Application of FENGYUN meteorological satellite in global wildfire monitoring - NSMC	ZHENG Wei	
<b>10:40-11:00</b>	Break		
<b>Closing Ceremony</b>			
<b>11:00-11:25</b>	Training certificate rewarding Remarks by WANG Zhiqiang, Deputy Director General, CMATC		ZHANG Peng
<b>11:25-11:35</b>	Speech by representative of participants		
<b>11:35-11:45</b>	Closing remarks - PEI Chong, Deputy Director General, Department of Integrated Observations of CMA		
<b>12:00-14:00</b>	<b><i>Lunch</i></b>		
<b>14:00-17:00</b>	<b>Technical Visit</b>		