

AGENDA

Space Applications Working Group

14, 15 November 2017

Sheraton Grand Bangalore Hotel, Bangalore, India

Co-Chairs:

Mr. Shantanu Bhatawdekar, Director, EOS, Indian Space Research Organisation Headquarters, Bangalore, Karnataka, India

Mr. Kazuo Tachi, Senior Chief Officer of Satellite System Development & Senior Chief Officer of Satellite Applications, Space Technology Directorate I, Japan Aerospace Exploration Agency (JAXA)

Space Application Working Group, APRSAF-24					
DAY 1: 14 NOVEMBER 2017					
Start Time		End Time	Time (hh:mm)	Session Title	Note
SAWG Day 1 (Nov 14)					
9:00	~	9:20	0:20	Opening session for Day 1	
				<ul style="list-style-type: none"> • Introductions & welcome address (co-chairs) 	
				<ul style="list-style-type: none"> • Review of the last SAWG 	Mr. Kazuo Tachi JAXA, Japan
				<ul style="list-style-type: none"> • Presentation of Space Applications Working Group Objectives and Agenda adoption 	Mr. Shantanu Bhatawdekar, Director, EOS, ISRO, India
9:20	~	10:20	1:00	Host country session: Role of Space technology in Governance – Indian Experience	15 minutes presentations x 4
				<ul style="list-style-type: none"> • Synergy of Earth Observation, Communication and Navigation for Space Applications in Governance and Development 	Mr. Shantanu Bhatawdekar, Director, EOS, ISRO, India
				<ul style="list-style-type: none"> • Enabling Governance in Agriculture through Space Technology: Operational and Research aspects 	Shri Dinesh Kumar, JS-IT, MOA&FW, India

				<ul style="list-style-type: none"> Enabling Governance in Rural Development through Space Technology 	Dr. PVN Rao, Dy. Director, NRSC, India
				<ul style="list-style-type: none"> Role of Space Technology in Weather and Ocean State Forecasting 	Dr. Rajkumar Sharma, Dy. Director, EPSA, SAC
10:20	~	10:50	0:30	Agriculture #1	15 minutes presentations x2
				Asia-RiCE for GEOGLAM (Global Agriculture Monitoring)	Dr. Shinichi Sobue, JAXA, Japan
				Rice crop monitoring project in Indonesia	Dr. Rizatus Shofiyati, MoA, Indonesia
10:50	~	11:20	0:30	Group Photo and Coffee Break	
11:20	~	13:00	1:40	Agriculture #2	15 minutes presentations x6 + 10 minutes discussion
				<ul style="list-style-type: none"> Agriculture Residue Burning 	Dr. Brijendra Pateriya, Director, PRSC, India
				<ul style="list-style-type: none"> Strengthening Horticulture sector through Remote Sensing techniques 	Smt Mamta Saxena, Advisor, Horticulture, DAC&FW, India
				<ul style="list-style-type: none"> Methods and technologies of Remote Sensing used in agricultural production of the Republic of Kazakhstan 	Assylkhan Bibossinov, Kazakhstan
				<ul style="list-style-type: none"> RICE CROP MONITORING IN THE MEKONG DELTA, VIETNAM USING RADAR REMOTE SENSING DATA 	Dr. Lam Dao Nguyen, VNSC/VAST, Vietnam
				<ul style="list-style-type: none"> The satellite data application for agricultural effective indicators of project evaluation in India 	Mr. Yuki AKAI, JICA, Japan
				<ul style="list-style-type: none"> Presentation from ADB 	ADB
				<ul style="list-style-type: none"> Discussion 	
13:00	~	14:00	1:00	Lunch	
14:00	~	15:45	1:45	Integrated Land and Water Resource Management #1 for drought and flood	15 minutes presentations x 7

				<ul style="list-style-type: none"> • AO-GEOSS Task 1: AWCI - Integrated water resource management 	Prof. Toshio Koike ICHARM, Japan
				<ul style="list-style-type: none"> • Satellite Application For Environment (SAFE) and International Flood Initiative (IFI) activities: Towards effective Flood Disaster Managements in Sri Lanka 	Dr. Rasmy, ICHARM, Japan
				<ul style="list-style-type: none"> • Recent developments in Hydrological Modeling 	Dr. V.V. Rao, Group Director, Water Resources, NRSC/ISRO, India
				<ul style="list-style-type: none"> • Integrated watershed development in India 	Dr. T. Ravishankar, Group Director, Land Resources, Landuse, Mapping and Monitoring, NRSC, India
				<ul style="list-style-type: none"> • Application of Global Satellite Mapping of Precipitation (GSMaP) in Asia-Pacific region 	Ms. Moeka Yamaji, EORC, JAXA, Japan
				<ul style="list-style-type: none"> • Strengthening the Drought and Crop Insurance management: Efforts towards Remote Sensing techniques development 	Dr. S.S. Ray, Director, MNCFC, India
				<ul style="list-style-type: none"> • Drinking water and sanitation programmes, Bhuvan Bhujal 	Dr. K. Vinod Kumar, Group Head, Geosciences, NRSC, India
15:45	~	16:15	0:30	Coffee Break	
16:15	~	17:30	1:15	Integrated Land and Water Resource Management #2 for LULCC and forest	15 minutes presentations x 5
				<ul style="list-style-type: none"> • Sustainable forest management and forest carbon in India 	Dr. C.S. Jha, Group Director, Forestry and Ecology, NRSC, India
				<ul style="list-style-type: none"> • GFOI 	Mr. George Dyke, Symbioss/JAXA
				<ul style="list-style-type: none"> • Fire Hotspot and Smoke Haze Detection using Advance Himawari Imager in Indonesia 	Dr. M. Rokhis Khomarudin / Ms. Hana Listi Fitriana LAPAN, Indonesia
				<ul style="list-style-type: none"> • Forest Fire Monitoring 	Dr. Arijit Roy, Scientist, IIRS India

				<ul style="list-style-type: none"> Efficient Oil Palm Management Prototyping Using 3D GIS For Replanting Program 	Mr. Mohd Na'aim Bin Samad, FGVRD, Malaysia
17:30	~	17:45	0:15	Wrap-up of Day1	

SAWG DAY 2 (NOV 15)					
9:00	~	9:20	0:20	Opening session for Day 2	
				• Review of Day 1 (co-chairs)	
9:20	~	9:50	0:30	SAFE initiative report and discussion	Dr. Lal Samara Koon, (Report of the SAFE workshop, which is held on Nov 13.
9:50	~	10:45	0:55	Sentinel Asia session 1	15 minutes presentations x 4
				<ul style="list-style-type: none"> SENTINEL ASIA SUCCESS STORY IN THE PHILIPPINES 	PHIVOLCS, Philippines via Skype(TBD)
				<ul style="list-style-type: none"> Disaster management support programme of India 	Dr. JV Thomas, Program Manager, DMS, EOS, India
				<ul style="list-style-type: none"> Flood management in India 	Dr. K.H.V. Durga Rao, Head, DMSD, NRSC, India
				<ul style="list-style-type: none"> Introduction of NDMI 	Dr. YoungJin Park, NDMI, Korea
				<ul style="list-style-type: none"> Discussion 	
10:45	~	11:15	0:30	Coffee Break	
11:15	~	12:45	1:30	Sentinel Asia session 2	15 minutes presentations x 5 + 15 minutes discussion
				<ul style="list-style-type: none"> Overview of Sentinel Asia 	Dr. Shiro Kawakita, JAXA, Japan
				<ul style="list-style-type: none"> Trend of Emergency Observation Requests 	Dr. Makoto Ikeda, ADRC, Japan
				<ul style="list-style-type: none"> Sentinel Asia Strategic Plan 	Dr. Koji Suzuki, NIED, Japan
				<ul style="list-style-type: none"> Emergency observation Request Support Tool: OPTEMIS 	Mr. Wasanchai Vongsantivanich, GISTDA, Thailand
				<ul style="list-style-type: none"> Primary Data Analysis Node Activity 	Dr. Manzul, Hazarika, GIC-AIT, Thailand
				<ul style="list-style-type: none"> Discussion 	

12:45	~	13:50	1:05	Lunch	
13:50	~	15:45	1:55	Inter-Satellite technologies: Infrastructure	15 minutes presentations x 7 + 10 minutes discussion
				<ul style="list-style-type: none"> • CEOS data cube 	Dr. David Hudson, GA, Australia
				<ul style="list-style-type: none"> • Vietnam data cube 	Dr. Lam Dao Nguyen, VNSC/VAST, Vietnam
				<ul style="list-style-type: none"> • Data Cube efforts by India 	Mr. D. Dhar, Group Director, SIPG, SAC, India
				<ul style="list-style-type: none"> • Space based monitoring of Air and Water pollution 	Dr. Prakash Chauhan, Group Director, BPSG, SAC, India
				<ul style="list-style-type: none"> • Role of Space Technology in Non-renewable energy-Potential Assessment and Forecasting 	Mr. Shashikant Sharma, Group Head, VRG, SAC, India
				<ul style="list-style-type: none"> • LAPAN STRATEGY ON DATA AND INFORMATION DISTRIBUTION 	Dr. M. Rokhis Khomarudin LAPAN, Indonesia
				<ul style="list-style-type: none"> • FORMOSAT-5 Satellite Status and Image Operation 	Dr. Sheng-yun Yan, NSPO
				<ul style="list-style-type: none"> • Discussion 	
15:45	~	16:15	0:30	Coffee Break	
16:15	~	17:25	1:10	Joint WGs (SAWG and SEWG) for human resource development	15 minutes presentations x 4 + 10 minutes discussion
				<ul style="list-style-type: none"> • The Asia-Pacific Plan of Action for Space Applications (2018-2030) 	Dr. Werner Rudolf Balogh, ESCAP
				<ul style="list-style-type: none"> • Enabling Governance in Capacity Building through Space Technology 	Dr. S.K. Srivastav IIRS, ISRO, India
				<ul style="list-style-type: none"> • Space Education Program of the Tokyo University of Science: A trial for hands-on space education by using realistic materials 	Prof. Shinichi Kimura, Tokyo University of Science, Japan

				<ul style="list-style-type: none"> G-SPASE: Human Resource Development Program to Solve Social Problems with Space Systems - Realization of Global Learning and Growth - 	Mr. Akira kodaka, Keio University, Japan
				<ul style="list-style-type: none"> Discussion 	
17:25	~	17:45	0:20	Wrap-up of SAWG	