THE 41ST ASIAN CONFERENCE ON REMOTE SENSING (ACRS2020 ONLINE)

REMOTE SENSING FOR DIGITAL ECONOMY

PROGRAM

DEQING·CHINA
9-11 NOVEMBER 2020

1 Introduction

Dear Colleagues,

On behalf of the Local Organizing Committee of the 41st Asian Conference on Remote Sensing-ACRS2020, it is our great pleasure to welcome you to the conference which will be held in Deqing city, Zhejiang Province, China from 9 to 11 November, 2020.

Because of COVID-19 epidemic, the ACRS2020 will be held online. It will also be the First Web conference in ACRS history. This Web conference will include

    1) Opening Ceremony;

    2) Keynote Speeches;

    3) General Conference;

    4) Technical Sessions;

    5) Technology and Business Exhibition;

    6) Closing Ceremony etc.

The conference is now open for invitation to keynote speeches and submission of technical papers. We gladly inform you that the Online Registration is open all the time from now on and the Registration Fee will be FREE . The conference welcomes authors of high quality research contributions to present their research here , we welcome you to join us as conference sponsors and exhibitors. It is our expectation that through ACRS2020 , every participant can get the sparks of academic thoughts and ideas, and enjoy a wonderful time through communications with researchers and scientists across Asia. We look forward to welcoming you to an inspiring, academic and enjoyable ACRS2020 held by Deqing city, Zhejiang, China.

Sincerely,

Tong Qingxi
Honorable Chairman of ACRS2020 and Chairman of CNCRS
Gu Xingfa
Executive Chairman of ACRS2020 and Deputy Secretary of AARS

2 Organizing Committee

2.1 Organization

Conference Organizers

Asian Association on Remote Sensing (AARS)

Chinese National Committee for Remote Sensing (CNCRS)

Conference Hosting

Aerospace Information Research Institute, CAS

The People's Government of Deqing County

Conference Supporters

Deqing Academy of Satellite Applications

CNCRS Members

Shihezi University

The Key Laboratory of Oasis Eco-agriculture, Xinjiang Production and Construction Corps

Hang Zhou Normal University

Shenzhen Jingwan Quantum Remote Sensing Technology Co., Ltd.

PIESAT Information Technology Co., Ltd.

Twenty First Century Aerospace Technology Co., Ltd.

SpaceWill Info. Co., Ltd.

North China Institute of Aerospace Engineering

Tianjin HyTech Information Technology Co., Ltd.

Guilin University of Aerospace Technology

The Japan Aerospace Exploration Agency

2.2 Chairs

2.2.1 Chairs of ACRS2020

Honorary Chairman

Tong Qingxi(China)

Honorary Chairman

Shunji Murai(Japan)

Chairman

Gu Xingfa(China)

2.2.2 Steering Committee

Chairman

Tong Qingxi(China)

Chairman

Kohei Cho(Japan)

Member

Armin Gruen, Bruce Foster, Chen Jun, Chris Elvidge, Enrico Paringit, Fuan Tsai, Guo Huadong, Li Deren, Pan Delu, Sammer Saran, Woo-Kyun Lee, Wu Yirong, Xue Yongqi

2.2.3 Organizing Committee

AARS member

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Tong Qingxi(China)

Chairman

Kohei Cho(Japan)

Member

Zhang Lifu(China)

Member

Fuan Tsai (Taiwan, China)

Member

Sameer Saran(India)

Secretary

Chiwako Fujino(Japan)

Member

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Lin Mingsen, Yang Jun, Li Jiahong, Cao Xianbin, Li Lianghai, Lu Jingxuan,

Wang Xiaoyong, Zhang Songmei, Zhang Xianfeng, Wu Lun, Wang Guanghua,

Qin Qiming, Shi Zhou, Zhao Zhongming, Luo Ge, Yan Jun, Zhu Boqin,

Wang Zhiyong, Zhang Dengrong, Lv Xin, Zhang Yali

2.2.4 Local Organizing Committee

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Zhang Lifu (China)

Chairman

Cao Genrong (China)

Chairman

Shao Yun (China)

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Wan Shuliang, Li Qian, Zou Bin, Wu Yuan, Wu Xuebao, Zheng Xiongwei,

Yue Huanyin, Xu Zhen, Tang Junfang, Qin Qiming, Li Jinglai, Mei Jinshan,

Jiang Dong, Liu Yongwei, Li Zhengqiang, Li Yan, Wang Erhe, Wei Zheng,

Chen Xiuwan, Xu Wen, Zhang Xia

2.2.5 Secretariat

Secretary General

Zhu Boqing (China)

Secretary General

Jiao Baoyi (China)

Deputy Secretary-General

Liu Ming, Wei Zheng, Wu Jie, Yao Wenzhong

Member

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Peng Mingyuan, He Jie

2.2.6 Conference Office

Principal

Wu Jie, Yao Wenzhong, Sun Yan

Member

Pei Jing, Wu Di, Zhao Yutong, Liu Jia, Jiang Zhizheng, Wang Jiannan,

Qi Huanwen, Wu Qiong, Long Mochou, Bai Han

3 Agenda

3.1 Agenda Overview

Date	Bejing Time (GMT+8)	Content	TS	chair
November 9 Monday	13:00-14:00	**Opening Ceremony**		Gu Xingfa/ Aerospace Information Research Institute, Chinese Academy of Sciences
	14:00-14:20	Tea Break		
	14:20-15:20	Keynote Speeches		
	15:20-15:30	Tea Break		
	15:30-16:30	Keynote Speeches		
	18:00-20:00	Student Special Performance		
	13:00-16:30	Technical Exhibition		
November 10 Tuesday	13:00-14:20	Sensor and Platform Session	1-1	Husi Letu/ Aerospace Information Research Institute, Chinese Academy of Sciences
				Goh Jia Quan/ Faculty of Engineering, Universiti Putra Malaysia
	14:25-15:45	AI for Understanding Remote Sensing Images	1-2	GuiSong Xia / State key laboratory of information engineering in surveying mapping and remote sensing, Wuhan university.
				Soo Chin Liew / Centre for Remote Imaging, Sensing and Processing, National University of Singapore
	13:00-14:20	Satellite Program Session A	2-1	Sameer Saran/ Indian Space Research Organisation
	14:25-15:45	Satellite Program Session B	2-2	Gu Xingfa/ Aerospace Information Research Institute, Chinese Academy of Sciences
	15:50-17:10	Considering the roles of international academic societies under the pandemic crisis	2-3	Kohei Cho/ Tokai University

2C

	13:00-14:20	Forestry Session	3-1	Bayanmunkh Norovsuren/ Mongolian National University, Mongolia
	14:25-15:45	Enterprise Small satellite program	3-2	Wang Zhiyong/ Twenty First Century Aerospace Technology Co., Ltd
				Zhou Bin/ Twenty First Century Aerospace Technology (Asia) Pte. Ltd
	15:50-17:10	Land cover, Land use and Oceanography Session	3-3	Chandan/ M.C, Ranbir and Chitra Gupta School of Infrastructure Design and Management, Indian Institute of Technology Kharagpur
				Anggia Rivani/ Ministry of Marine Affairs and Fisheries, Directorate General of Marine Spatial Planning, Indonesia
	13:00-14:20	JAXA Special Session; Sustainable Development using Japanese Satellites	4-1	Shinichi Sobue/ Japan Aerospace Exploration Agency, JAXA
	4:25-15:45	JAXA Special Session A; Sustainable Development using Japanese Satellites	4-2	Shinichi Sobue/ Japan Aerospace Exploration Agency, JAXA
	15:50-17:10	JAXA Special Session B; Sustainable Development using Japanese Satellites	4-3	Shinichi Sobue/ Japan Aerospace Exploration Agency, JAXA
	13:00-14:20	Detection and Classification Session	5-1	Zhang Xia/ Aerospace Information Research Institute, Chinese Academy of Sciences
				Muhammed Yusuf Ozturk/ Gebze Technical University, Department of Geomatics Engineering, Turkey
	14:25-15:45	Feature Extraction, SAR and 3D Modeling Session	5-2	Lakmini Somawansha/ Survey Department of Sri Lanka, Sri Lanka
				Xiayu Guo/ State Key Laboratory of Space-Ground Integrated Information Technology, China
	15:50-17:10	Detection and Classification and Preprocessing Session	5-3	Muhammad Yazrin Yasin/ Department of Geography, University of Malaya
				Zhang Xia/ Aerospace Information Research Institute, Chinese Academy of Sciences
	13:00-14:20	Big data and AI and Others Session	6-1	Xingfeng Chen/ State Key Laboratory of Remote Sensing Science, Aerospace Information Research Institute, Chinese Academy of Sciences
				Karthik Nagarajan/ IIRS ISRO Outreach Network Coordinator and Associate Professor, Pillai HOC College of Engineering and Technology, Rasayani , Maharashtra

14:25-15:45	RS for Climate Change Session	6-2	Devy Nur Annisa Utami/ Geodetic Engineering Study Programme, Institut Teknologi Nasional, Indonesia
			Hao Hou / Hangzhou Normal University
15:50-17:10	Earth Observation Session	6-3	Wei Chen/ College of Geoscience and Surveying Engineering, China University of Mining & Technology, China
			Mark Jayson Felix/ STAMINA4Space Program, Institute of Environmental Science and Meteorology, University of the Philippines Diliman, Philippines
13:00-14:20	RS for Flood/Drought Session	7-1	Aishwarya Narendr/ Ranbir and Chitra Gupta School of Infrastructure Design and Management, Indian Institute of Technology Kharagpur
			Dewayany Sutrisno/ Badan informasi geospasial Jalan Raya Jakarta
14:25-15:45	RS for Forest Fire, Earthquake and Flood/Tsunami Session	7-2	Kohei Cho/ Tokai University
			M Ihsanur Adib, Universitas Gadjah Mada/ Geographic Information Science Department, Yogyakarta
15:50-17:10	RS for Landslide Session	7-3	Yimo Liu/ Key Laboratory of Digital Earth Science, Aerospace Information Research Institute, Chinese
			Dhivya Harini G/ Department of Information Science and Technology, College of Engineering, Anna University, India
13:00-14:20	Geology, Geography, and Geomorphology Session	8-1	Fengli Zhang/ Aerospace Information Research Institute, Chinese Academy of Sciences, China
			Mu Mu Than/ Department of Geography, Sittway University, Myanmar
14:25-15:45	Change Detection and Monitoring Session	8-2	Xinyi Hu/ State Key Laboratory of Organic Geochemistry, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences
			Vaishnavi Upadhyay/ Banasthali Vidyapith, India
15:50-17:10	Culture Heritage and Earth Applications Session	8-3	Hengqian Zhao/ China University of Mining and Technology
			Illyani Ibrahim/ Department of Urban and Regional Planning, Kulliyyah of Architecture and Environmental Design, International Islamic University Malaysia, Malaysia
13:00-14:20	Geographic Information Systems (GIS) Session	9-1	Tek Bahadur Kshetri/ Institute of Engineering, Tribhuvan University, Nepal

				Yumiko Nagai/ Yamaguchi University, Center for Research and Application of Satellite Remote Sensing, Japan
	14:25-15:45	GIS and Spatial Database Analysis Session	9-2	Arun Kumar Verma/ Defence Research Development Organisation, Ministry of Defence, India
				Edmark Bulaong/ Institute for Climate Change and Environmental Management
	15:50-17:10	GIS and Applications Session	9-3	Kouki Kurita/ Shibaura Institute of Technology
				Chin-Jin Kuo/ Dept. of Forestry, Chung-Hsing University, Chinese Taipei
	13:00-14:20	RS & Mapping Session	10-1	Abdul Rahaman/ Department of Geography, Bharathidasan University, India.
				Shaparas Daliman/ Faculty of Earth Science, Universiti Malaysia Kelantan Jeli Campus
	14:25-15:45	RS for Agriculture, Soil, and Crop Session	10-2	Nirmal Kumar/ ICAR-National Bureau of Soil Survey and Land Use Planning
				Tangao Hu/ Hangzhou Normal University
	15:50-17:10	RS for Agriculture and Forestry Session	10-3	Muhammad Hayyu Mahabbah/ Department of Soil Science and Land Resources, IPB University, Indonesia
				Elbegjargal Nasanbat/ National Remote Sensing Center, Information and Research Institute of Meteorology Hydrology and Environment, Mongolia
	17:30-19:30	AARS General Conference	Online	Kohei Cho/ Tokai University
				Gu Xingfa/ Aerospace Information Research Institute, Chinese Academy of Sciences
November 11 Wednesday	13:00-17:00	Keynote Speeches		
		Closing Ceremony		
		Technical Exhibition		

3.2 Conference Program and Schedule

Beijing Time (GMT+8): 13:00-14:20		Room: 1		TS: 1-1

Topic：Sensor and Platform Session				

Chairman/Organization	Husi Letu/ Aerospace Information Research Institute, Chinese Academy of Sciences			
	Goh Jia Quan/ Faculty of Engineering, Universiti Putra Malaysia			

Report order

No.	Agenda	Reporter	Organization
1	Potential of Lidar Bathymetry Technology for Coastline Large-Scale Mapping Acceleration in Indonesia	Agung Syetiawan	Geospatial Information Agency, Jakarta-Bogor Km, Indonesia
2	Investigation of the Cosmic Ray Effects on Sentinel-1 SAR Images	Hakan Köksal	Akdeniz University, Faculty of Science, Space Science and Technologies, Turkey
3	A Full-Factors Microwave Properties Measurement System in 20 meters Diameter Anechoic Chamber	Wei Tian	Aerospace Information Research Institute, Chinese Academey of Sciences
4	Grading of Maturity of Oil Palm Fruit Based on Visible and NIR Band	Goh Jia Quan	Faculty of Engineering, Universiti Putra Malaysia
5	SPECTRAL SIMULATION ON REMOTE SENSING REFLECTANCE OF OIL SAND ALGAE MIXED WATER USING HYDROLIGHT	Weijian Luo	Guangdong Ocean University, China
6	COMPARISON OF PHOTOGRAMMETRIC POINT CLOUDS WITHBIM BUILDING ELEMENTS FOR DAM CONSTRUCTION PROGRESS MONITORING IN INDONESIA	Arliandy P. Arbad	Civil Engineering Dept. State Polytechnic of Jakarta, Kampus UI, Depok, Indonesia
7	Analysis of Rice False Smut Severity Levels in Donggang Using Vegetation Index Normalization	Hengqian Zhao	College of Geoscience and Surveying Engineering, China University of Mining and Technology

Beijing Time (GMT+8): 14:25-15:45		Room: 1		TS: 1-2

Topic：AI for Understanding Remote Sensing Images				

Chairman/Organization	GuiSong Xia / State key laboratory of information engineering in surveying mapping and remote sensing, Wuhan university.			
	Tuck Chong Lee/ Centre for Remote Imaging, Sensing and Processing, National University of Singapore			

Report order

No.	Agenda	Reporter	Organization

1	Model-Based MVS Point Reconstruction of Texture-Less Regions with Epipolar Constraints	Yuichiro Yamaguchi	Shibaura Institute of Technology, Japan
2	A new long-time-series remote sensing fusion method using 3D fully convolution neural networks	Mingyuan Peng	Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences
3	New building detection with SAR satellite images based on deep learning	Ryo Saito	Space Shift Inc., Tokyo
4	Pixel-Based and Object-Based Of Land Cover Classification and Change Analysis in the Mandalay City Using High Resolution Remote Sensing Data	Aye Mya Thein	Remote Sensing Department, Mandalay Technological University, Myanmar
5	URBAN FEATURES EXTRACTION FROM HIGH RESOLUTION SATELLITE IMAGE USING DEEP LEARNING BASED SEMANTIC SEGMENTATION ALGORITHMS	Nikhil Kulkarni	Indian Institute of Remote Sensing (IIRS-ISRO),
6	Lightweight, Non-Complex CNN for Fire Detection in Satellite Images	Tuck Chong Lee	Centre for Remote Imaging, Sensing and Processing, National University of Singapore
7	Instance segmentation of Crowd Detection in the Camera Images	Saziye Ozge Atik	Gebze Technical University, Turkey
8	Application of CV technology in remote sensing monitoring	Wenlong Han	North China Institute of Aerospace Engineering LangFang

Beijing Time (GMT+8): 17:30-19:30	Room number: Online	Meeting number: Online

Topic：AARS General Conference		

Chairman/Organization	Kohei Cho/ Tokai University	
	Gu Xingfa/ Aerospace Information Research Institute, Chinese Academy of Sciences	

Report order

No.	Agenda	Reporter	Organization
1	Opening	Gu Xingfa	
2	General Secretary's Report	Kohei Cho	
3	Admission of New Members if any		
4	Cancelation of Membership if any		
5	Adoption of New Honorary members if any		
6	Financial Report	Chiwako Fujino	AARS
7	Report on Asian Journal of Geo-informatics （AJG）	Fuan Tsai	NCU
8	Proposal & decision of the host for the 43rd ACRS to be held in 2022		
9	Discussion on membership fees	Kohei Cho	
10	Report on ACRS 2020	Gu Xingfa	
11	Report on AARS Web Page	Kohei Cho	
12	Report on the preparation for the 42nd ACRS	Phan Kieu Diem	Can Tho University
13	Relationships with International Societies	Kohei Cho	
14	Others		

Beijing Time (GMT+8): 13:00-14:20	Room: 2	TS: 2-1

Topic：Satellite Program Session A		

Chairman/Organization	Sameer Saran/ Indian Space Research Organisation

Report order

No.	Agenda	Reporter	Organization
1	National Space Organization & Space Program of China	Gu Xingfa	Aerospace Information Research Institute, Chinese Academy of Sciences
2	JAXA's earth observation satellite programs	Shinichi Sobue	Aerospace Exploration Agency (JAXA), Japan
3	Indian Earth Observation Program	Rajeev Jaiswal	Indian Space Research Organisation (ISRO), India
4	National Space Program and Activities in KOREA	TaeByung Chae	Korea Aerospace Research Institute (KARI), Korea
5	Earth Observation Satellite Programs of Singapore	Leong Keong KWOH	CRISP (Centre for Remote Imaging, Sensing and Processing), Singapore

Beijing Time (GMT+8): 14:25-15:45	Room: 2	TS: 2-2

Topic：Satellite Program Session B		

Chairman/Organization	Gu Xingfa/ Aerospace Information Research Institute, Chinese Academy of Sciences

Report order

No.	Agenda	Reporter	Organization
1	4th Dimension of the Remote Sensing: A Legion Constellation from Maxar	Abhineet Jain	Maxar Technologies, Singapore
2	Philippines' EO Satellite Program and Data Mobilization	Gay Jane Perez	University of the Philippines Diliman, Philippines
3	Capacity building and training in Earth observation satellite technology	Kasia Clatworthy	Surrey Satellite Technology Ltd, UK
4	How Planet's Agile Aerospace Approach Pushes the Boundaries of Geospatial	Vincent Kessler	Planet Labs Inc, USA

Beijing Time (GMT+8): 15:50-17:10	Room: 2	TS: 2-3

Topic： Considering the roles of international academic societies under the pandemic crisis		

Chairman/Organization	Kohei Cho/ Tokai University

Report order

No.	Agenda	Reporter	Organization
1			

Beijing Time (GMT+8): 13:00-14:20	Room: 3	TS: 3-1

Topic：Forestry Session			
Chairman/Organization	Bayanmunkh Norovsuren/ Mongolian National University, Mongolia		

Report order

No.	Agenda	Reporter	Organization
1	Individual Tree Segmentation from Graph Derived from the ALS Point Cloud	Lishuo Zhang	Guangzhou Urban Planning and Design Survey Research Institute, China
2	Biomass Estimation Methodology for Forest in Bulgan Province, Mongolia	Tsolmon Altanchimeg	Ghent University, Belgium
3	ALGORITHM TESTING FOR SUBPIXEL ANALYSIS OF FLAMING AND SMOLDERING COMBUSTION WITH NIGHTTIME SATELLITE DATA	Christopher D. Elvidge	Earth Observation Group, Payne Institute for Public Policy
5	Individual Tree Segmentation from Terrestrial Laser Scanning Dataset	Dan Xie	Leica Geosystems (Shanghai) Co., China
6	Above-Ground Biomass and Carbon Stocks Estimation Using Allometric Equations in Tropical Forest: FRIM Kepong, Selangor	Nik Ahmad Faris Nik Effendi	Centre of Studies for Surveying Science & Geomatics, Faculty of Architecture, Planning & Surveying Universiti Technologi MARA, Malaysia
7	FOREST AREA DERIVATION FROM SENTINEL DATA	Bayanmunkh Norovsuren	Mongolian National University, Mongolia

Beijing Time (GMT+8): 14:25-15:45	Room: 3	TS: 3-2

Topic：Enterprise Small satellite program			
Chairman/Organization	Wang Zhiyong/ Twenty First Century Aerospace Technology Co., Ltd		
	Zhou Bin/ Twenty First Century Aerospace Technology (Asia) Pte. Ltd		

Report order

No.	Agenda	Reporter	Organization
1	Greeting Speech	Zhou Bin	Twenty First Century Aerospace Technology (Asia) Pte. Ltd. CEO
2	High-resolution Remote Sensing Data Online Application Service	Zhang Nannan	Twenty First Century Aerospace Technology Co., Ltd Technical Support
3	SuperView constellation updating	Xu Liping	SpaceWill Info. Co., Ltd."

				CEO
4	Radiation Quality Evaluation of Orbita HyperSpectral Image	Wang Sa		Aerospace Information Research Institute
5	A New Water Index For Surface Water Extraction Using OHS Hyperspectral Imagery	Qiao Zhixi		School of Remote Sensing and Information Engineering, Wuhan University, China.
6	High-resolution images in palm tree recognition applications	Chen Chong		Twenty First Century Aerospace Technology (Asia) Pte. Ltd. R&D manager

Beijing Time (GMT+8): 15:50-17:10	Room: 3	TS: 3-3

Topic：Land cover, Land use and Oceanography Session		
Chairman/Organization	Chandan/ M.C, Ranbir and Chitra Gupta School of Infrastructure Design and Management, Indian Institute of Technology Kharagpur	
	Anggia Rivani/ Ministry of Marine Affairs and Fisheries, Directorate General of Marine Spatial Planning, Indonesia	

Report order

No.	Agenda	Reporter	Organization
1	Spatial Distribution Mapping of Nitrogen Content of Alpine Pasture of Western Himalaya using Hyperspectral Remote Sensing	Dhruval Bhavsar	Punjab Remote Sensing Centre, PAU Campus, India
2	A Comparative Analysis of Global Land Cover Change between MCD12 and CCI-LC	Yoshie Ishii	Tokyo University of Agriculture and Technology, Japan
3	LAND USE ANALYSIS AND MODELLING BASED ON AGENTS USING CELLULAR AUTOMATA	Chandan, M.C	Ranbir and Chitra Gupta School of Infrastructure Design and Management, Indian Institute of Technology Kharagpur
4	Utilising Large Footprint Full Waveform Range Data	Darsana Rathore	Banasthali Vidyapeeth, Rajasthan, India
5	Seagrass Mapping with Supervised Classification Method Using Multispectral Satellite Imagery: Sentinel-2A, SPOT-7, and Landsat 8 OLI (Study Case in National Marine Protected Area of Anambas Island, Indonesia)	Anggia Rivani	Ministry of Marine Affairs and Fisheries, Directorate General of Marine Spatial Planning, Indonesia
6	Variability of Chlorophyll-A Distribution Associated with Internal Solitary Wave Patterns using Multi-Sensor Ocean Color Data in The Lombok Strait	Chonnaniyah	Center for Remote Sensing and Ocean Sciences (CReSOS), Udayana University, Indonesia
7	Comparing Oceanographic Parameter in Different ENSO Phase at Indonesian Seas Using MODIS - Aqua	Seftiawan Samsu Rijal	Marine Science, Faculty of Fisheries and Marine Science, Universitas Brawijaya, Indonesia

Beijing Time (GMT+8): 13:00-14:20	Room: 4	TS: 4-1

Topic：JAXA Special Session; Sustainable Development using Japanese Satellites		
Chairman/Organization	Shinichi Sobue/ Japan Aerospace Exploration Agency, JAXA	

Report order

No.	Agenda	Reporter	Organization
1			

Beijing Time (GMT+8): 14:25-15:45	Room: 4	TS: 4-2

Topic：JAXA Special Session A; Sustainable Development using Japanese Satellites		
Chairman/Organization	Shinichi Sobue/ Japan Aerospace Exploration Agency, JAXA	

Report order

No.	Agenda	Reporter	Organization
1	Welcome and about the Special Session	Sinichi Sobue	JAXA
2	Japanese Earth Observation Satellite Program for UN SDGs	Sinichi Sobue	JAXA
3	Space Application for Environment in Asia-Pacific region	Tsugito Nagano	The Remote Sensing Technology Center of Japan, RESTEC
4	Investigation of Classification Method For Identification Oil Palm Plantation On Multiscatter and Multiresolution SAR Data	Soni Darmawan	Institute Teknologi Nasional, Indonesia
5	Investigating the Patterns in the Openly Accessible Satellite-based Digital Elevation Models over different LULC Classes	Ashutosh Bhardwaj	Indian Institute of Remote Sensing
6	Spatiotemporal Analysis of Urbanization Caused Land Cover Change: Case Study in the Suburban Area of the Yangtze River Delta, China	Xuan Xie	Shanghai Normal University, China

Beijing Time (GMT+8): 15:50-17:10	Room: 4	TS: 4-3

Topic：JAXA Special Session B; Sustainable Development using Japanese Satellites		
Chairman/Organization	Shinichi Sobue/ Japan Aerospace Exploration Agency, JAXA	

Report order

No.	Agenda	Reporter	Organization

1	Comparison of SGLI and MODIS derived land surface temperature for agricultural monitoring	Tatsuyuki Sagawa	JAXA
2	Automated Detection of the Banana Fields from SAR Images	Duygugül Aksu	Akdeniz University, Turkey
3	Forest Fire Susceptibility Mapping through Fuzzy Integration of Remote Sensing Indices, Climate Datasets and Historical Records	Venkatesh Ravichandran	Bharathidasan University, India
4	Spaceborne L-band PolSAR and PolInSAR-based Modelling for Forest Parameter Retrieval	Shashi Kumar	Indian Institute of Remote Sensing
5	JAXA's Earth observation analysis on COVID-19 with international collaboration	Ko Hamamoto	JAXA
6	Discussions and Closing	Sinichi Sobue	JAXA

Beijing Time (GMT+8): 13:00-14:20		Room: 5		TS: 5-1

Topic：Detection and Classification Session				
Chairman/Organization	Zhang Xia/ Aerospace Information Research Institute, Chinese Academy of Sciences			
	Muhammed Yusuf Ozturk/ Gebze Technical University, Department of Geomatics Engineering, Turkey			

Report order

No.	Agenda	Reporter	Organization
1	Remote sensing Identification of Black and smelly Water with Fuzzy Decision Tree CART Algorithm based on high-resolution Image: A case study of Langfang	Xuxin Dong	School of Electronic Information Engineering，Hebei University of Technology, China
2	An automatic extraction method of 250 meter global impervious surface	Huang Jiongyi	1School of Remote Sensing and Information Engineering, Wuhan University, China
3	Classification and Fusion of Water Area from Multispectral and MultiSAR data using Automatic and Robust System	Husniyah Binti Mahmud	Yamaguchi University, Japan
4	Mapping of Poplar Tree Growing Fields with Machine Learning Algorithms using Multi-Temporal Sentinel-2A Imagery	Muhammed Yusuf Ozturk	Gebze Technical University, Department of Geomatics Engineering, Turkey
5	Discrimination of Water and Ice Cloud Using Albedo Difference of Multiple Visible Band of Himawari-8 Data	Destri Yanti Hutapea	Remote Sensing Technology and Data Center, Indonesian Institute of Aeronautics and Space (LAPAN), Indonesia
6	Spectral Characterization of Shoemaker Crater at the lunar south pole: Possible science objective for the Artemis III Human Mission to Moon	Prateek Tripathi	Indian Institute of Technology, Roorkee, India

Beijing Time (GMT+8): 14:25-15:45		Room: 5		TS: 5-2

Topic：Feature Extraction, SAR and 3D Modeling Session				
Chairman/Organization	Lakmini Somawansha/ Survey Department of Sri Lanka, Sri Lanka			
	Yuhua Guo/ State Key Laboratory of Space-Ground Integrated Information Technology, China			

Report order

No.	Agenda	Reporter	Organization
1	BUILDING DAMAGE INFORMATION EXTRACTION FROM FULLY-POLARIMETRIC SAR IMAGES BASED ON VARIOGRAM TEXTURE FEATURES	Xiulai Xiao	DEQING ACADEMY OF SATELLITE APPLICATION, China
2	Transfer Learning for Urban Feature Extraction in High Resolution Satellite Data	Anukriti Pathak	Banasthali Vidyapeeth, India
3	ACTIVE CONTOUR MODEL FOR	Lakmini	Survey Department of Sri

	AUTOMATIC BUILDING EXTRACTION WITH AERIAL LIDAR DATA- CASE STUDY IN PART OF COLOMBO, SRI LANKA	Somawansha	Lanka, Indian
4	COHERENCE ANALYSIS AND HEIGHT ESTIMATION OF VEGETATION PHASE CENTER BASED ON INDOOR MULTIBAND MULTIBASELINE POLARIMETRIC INTERFEROMETRIC SAR DATA: A CASE STUDY OF WILD RICE SHOOTS	Xianyu Guo	Laboratory of Target Microwave Properties, Deqing Academy of Satellite Applications, China
5	A Radar Scattering Model for non Gaussian Sea Surface	Yuhua Guo	State Key Laboratory of Space-Ground Integrated Information Technology, China
6	Estimation of Snow Cover Area for Microwave SIR-C SAR Cerro Laukaru, Chile Dataset Using Statistical Parameters	Mudassar Shaikh	Department of Electronic Science, New Arts, Commerce & Science College, India

Beijing Time (GMT+8): 15:50-17:10	Room: 5	TS: 5-3

Topic：Detection and Classification and Preprocessing Session

Chairman/Organization	Muhammad Yazrin Yasin/ Department of Geography, University of Malaya
	Zhang Xia/ Aerospace Information Research Institute, Chinese Academy of Sciences

Report order

No.	Agenda	Reporter	Organization
1	THE GEOMETRIC CORRECTION PROCEDURE USING TOPOGRAPHIC MAP VERSUS GPS-DERIVED GROUND CONTROL POINTS FOR LULC ANALYSIS	Muhammad Yazrin Yasin	Department of Geography, University of Malaya
2	IMAGE COREGISTRATION AND MOSAICKING OF DIWATA MICROSATELLITE IMAGERY	Panji Brotoisworo	STAMINA4 Space Program, Institute of Environmental Science and Meteorology, University of the Philippines Diliman, Philippines
3	Modeling temporal and spatial variation in atmospheric aerosols by geographically and temporally weighted regression with principal component analysis	Guangchao Li	College of Geoscience and Surveying Engineering, China University of Mining & Technology
4	Retrieval of Surface Solar Radiation from Himawari-8 measurements	Run Ma	State Key Laboratory of Remote Sensing Science, Aerospace Information Research Institute, Chinese Academy of Sciences

5	Estimation of cloud top parameters from Himawari-8/AHI measurements with infrared spectral bands using the Random Forest method	Xu Ri	State Key Laboratory of Remote Sensing Science, Aerospace Information Research Institute, Chinese Academy of Sciences
6	Research on cloud detection Algorithm based on GF-5/DPC data	Wei Lesi	State Key Laboratory of Remote Sensing Science, Aerospace Information Research Institute, Chinese Academy of Sciences
7	TEMPORAL AND SPATIAL DISTRIBUTION OF CLOUD MICROPHYSICAL PARAMETERS AND SURFACE SHORT WAVE RADIATION OVER THE TIBETAN PLATEAU BASED ON HIMAWARI-8 SATELLITE DATA	Huizi Zhang	State Key Laboratory of Remote Sensing Science, Aerospace Information Research Institute, Chinese Academy of Sciences

Beijing Time (GMT+8): 13:00-14:20	Room: 6	TS: 6-1

Topic：Big data and AI and Others Session			

| Chairman/Organization | Xingfeng Chen/ State Key Laboratory of Remote Sensing Science, Aerospace Information Research Institute, Chinese Academy of Sciences ||||
| | Karthik Nagarajan/ IIRS ISRO Outreach Network Coordinator and Associate Professor, Pillai HOC College of Engineering and Technology, Rasayani , Maharashtra ||||

Report order

No.	Agenda	Reporter	Organization
1	Validation and Error Analysis for A Deep Learning Aerosol Retrieval Method	Xingfeng Chen	State Key Laboratory of Remote Sensing Science, Aerospace Information Research Institute, Chinese Academy of Sciences
2	Multi-scale Atmospheric Environmental Capacity Estimation with Big Remote Sensing Data	Xiran Zhou	School of Environment Science and Spatial Informatics, China University of Mining and Technology, China
3	Landfill Detection from RS Images by Deep Learning	Hao Zhang	College of Information Science and Technology, Beijing University of Chemical Technology, China
4	Antenna Readiness and Collision Schedule Managenent Analysis for Muti High-Resolution Satellite Data Reception	Arif Hidayat	Parepare Remote Sensing Ground Station, LAPAN
5	Education , Training and Capacity Building in spreading awarness of Remote Sensing , GIS and GeopSpatial Technology in a Rural Village in Maharashtra through IIR Outreach Program by Pillai HOC College of Engineering and Technology – A Well Analysed Case Study	Karthik Nagarajan	IIRS ISRO Outreach Network Coordinator and Associate Professor, Pillai HOC College of Engineering and Technology, Rasayani , Maharashtra
6			
7	DUMPING SITE DETECTION AND VERIFICATION THROUGH HIGH RESOLUTION SATELLITE IMAGES AND DRONE FULL MOTION VIDEO (FMV) DATA	Mohamad Zulkhaibri Mat Azmi	Malaysian Space Agency (MYSA) , Ministry of Science, Technology and Innovation (MOSTI), Malaysia

Beijing Time (GMT+8): 14:25-15:45	Room: 6	TS: 6-2

Topic：RS for Climate Change Session			

| Chairman/Organization | Devy Nur Annisa Utami/ Geodetic Engineering Study Programme, Institut Teknologi Nasional, Indonesia ||||
| | Hao Hou / Hangzhou Normal University ||||

Report order

No.	Agenda	Reporter	Organization
1	Correlation Analysis of Land Surface Temperature and Topographic data in Bandung, Indonesia	Devy Nur Annisa Utami	Geodetic Engineering Study Programme, Institut Teknologi Nasional, Indonesia
3	REVISITING TROPICAL CYCLONE ACTIVITIES OVER NORTH INDIAN OCEAN BASED ON MULTIPLE NUMERICAL WEATHER PREDICTION MODELS OUTPUT	Pragnya Makar	Indian Institute of Remote Sensing, Indian Space Research Organisation
4	Thermal Humidity of Green Open Space at PT Surabaya Industrial Estate Rungkut (SIER)	Vidya Nur Trissanti	Faculty of Forestry and Environment, IPB University, Indonesia
5	ANALYSIS OF LONG-TERM EVI FOR VARIATIONS IN THE PHENOLOGICAL ATTRIBUTES OF MAJOR VEGETATION TYPES IN WESTERN HIMALAYA	Aditi Ahlawat	Indian Institute of Remote Sensing, Indian Space Research Organisation, Uttarakhand, India
6	GIS-BASED SITE SUITABILITY ANALYSIS OF SMALL WATER IMPOUNDING PROJECTS (SWIP) IN ORIENTAL MINDORO, PHILIPPINES UNDER DIFFERENT CLIMATE CHANGE SCENARIOS	Adrian Daniel L. Pantano	Institute of Agricultural and Biosystems Engineering, University of the Philippines Los Baños, Philippines
7	Assessing the Impact of Mangrove deforestation on Coastal Erosion	Penchala Vineeth Kurapati	Project Scientist, Centre on Geo-Informatic Applications in Rural Development, Ministry of Agriculture, Madagascar

Beijing Time (GMT+8): 15:50-17:10	Room: 6	TS: 6-3

Topic：Earth Observation Session		
Chairman/Organization:	Wei Chen/ College of Geoscience and Surveying Engineering, China University of Mining & Technology, China	
	Mark Jayson Felix/ STAMINA4Space Program, Institute of Environmental Science and Meteorology, University of the Philippines Diliman, Philippines	

Report order:

No.	Agenda	Reporter	Organization
1	RETRIEVAL OF REAL-TIME PM2.5, TEMPERATURE AND HUMIDITY PROFILES FROM SATELLITE AND GROUND-BASED REMOTE SENSING DATA USING ADVANCED DEEP LEARNING MODELS	Xing Yan	State Key Laboratory of Remote Sensing Science, College of Global Change and Earth System Science, Beijing Normal University, China
2	A New Way to Quantify Shortwave Black Carbon Direct Radiative Forcing with Multi-	Wei Chen	College of Geoscience and Surveying Engineering,

	bands Synthesis		China University of Mining & Technology, China
4	Automated Detection of the Banana Fields from SAR Images	Duygugül Aksu	Akdeniz University, Faculty of Science, Space Science and Technologies, Turkey
5	Assessment the impact of climate change on the degradation of mangrove forests using SPOT and VnRedSAT imagery: A case study in Dong Rui, Quang Ninh province, Vietnam	Hang Le Minh	Le Quy Don Technical University, Vietnam
6	WATER QUALITY ASSESSMENT OF LAGUNA DE BAY USING MODIS SURFACE REFLECTANCE MOD09GA PRODUCT	Mark Jayson Felix	STAMINA4Space Program, Institute of Environmental Science and Meteorology, University of the Philippines Diliman, Philippines
7	Retrieval of precipitable water from Himawari-8 data	Hiroki Otsubo	Yamaguchi University, Japan
8	Monitoring Soil Salinization in Manas River Basin, Northwestern China Based on Multi-spectral Index Group	Xiaoyan Shi	College of Agriculture, Shihezi University, China

Beijing Time (GMT+8): 13:00-14:20	Room: 7	TS: 7-1

| Topic：RS for Flood/Drought Session |

Chairman/Organization	Aishwarya Narendr/ Ranbir and Chitra Gupta School of Infrastructure Design and Management, Indian Institute of Technology Kharagpur
	Dewayany Sutrisno/ Badan informasi geospasial Jalan Raya Jakarta

Report order

No.	Agenda	Reporter	Organization
1	A parametric approach for coastal flood risks assessment by integrating hazard data and micro-level aspects of rural vulnerability: Case of Sagar Island, West Bengal	Aishwarya Narendr	Ranbir and Chitra Gupta School of Infrastructure Design and Management, Indian Institute of Technology Kharagpur
2	Comparison of Rainfall Bias Correction in Sumatra Island Using the CORDEX Regional Climate Model (RCM) Output Model	Irza Arnita Nur	Environment Research Center, IPB University, Indonesia
3	ASSESSMENT OF THE COASTAL CHANGE METHODOLOGY: A CASE STUDY OF THE COASTAL RECESSION AS THE IMPACT OF HIGH TIDE	Dewayany Sutrisno	Badan informasi geospasial Jalan Raya Jakarta
4	Flood damage detection using SAR images with context aware deep neural network during the recent Kyushu flood 2020	Vaibhav Katiyar	Graduate School of Sciences and Technology for Innovation, Yamaguchi University, Japan
5	Flood Vulnerability Mapping Through Morphometric Indices: A Comparative Approach with MCDM Techniques	K C Arun Kumar	ICAR-National Bureau of Soil Survey and Land Use Planning, Nagpur, India
6	Spatio-Temporal Assessment of Agricultural Drought Vulnerability in the Semi-Arid Region of Southern India Using TRMM and MODIS Datasets	K.C. Arun Kumar	ICAR-National Bureau of Soil Survey and Land Use Planning, Nagpur, India
7	Assessment of Drought Disaster-causing Factors and Drought Risk Regionalization in Guangdong Province, China	Weijiao Li	Guangzhou Institute of Geochemistry, Chinese Academy of Sciences,China

Beijing Time (GMT+8): 14:25-15:45	Room: 7	TS: 7-2

| Topic：RS for Forest Fire, Earthquake and Flood/Tsunami Session |

Chairman/Organization	Kohei Cho/ Tokai University
	M Ihsanur Adib, Universitas Gadjah Mada/ Geographic Information Science Department, Yogyakarta

Report order

No.	Agenda	Reporter	Organization
1	Ground validation of IMERG monthly rainfall product over Indonesia	I Wayan Andi Yuda	The Agency for Meteorology, Climatology, and Geophysics of the Republic of Indonesia

			(BMKG), Indonesia
2	Remote Sensing–Based Assessment of Tsunami Inundation Modelling in Sibolga, West Coast of Sumatra Island	Martiwi Diah Setiawati	Institute for Future Initiatives, The University of Tokyo, Japan
3	International Approach of Glocal Monitoring	Kohei Cho	Tokai University
4	Building Extraction And Damage Estimation Based On Instance Segmentation Using The Aerial Images After The 2016 Kumamoto Earthquake	Yihao Zhan	Graduate School of Engineering, Chiba University, Japan
5	Forest Fire Susceptibility Mapping through Fuzzy Integration of Remote Sensing Indices, Climate Datasets and Historical Records	Venkatesh Ravichandran	Bharathidasan Univerisity, Tiruchirappalli, India
6	Fire-Hotspot Information System from Multi-Resolution Remote Sensing Data for Early Detection of Forest Fires	Andy Indradjad	National Institute of Aeronautic and Space of Indonesia (LAPAN), Indonesia
7	Application of TRMM Rainfall Data using SPI Method to analyze the correlation of drought and fire hotspots during 2015 until 2019 at Central Kalimantan, Indonesia	M Ihsanur Adib	Universitas Gadjah Mada, Geographic Information Science Department, Yogyakarta

Beijing Time (GMT+8): 15:50-17:10	Room: 7	TS: 7-3

Topic：RS for Landslide Session

Chairman/Organization	Yimo Liu/ Key Laboratory of Digital Earth Science, Aerospace Information Research Institute, Chinese
	Dhivya Harini G/ Department of Information Science and Technology, College of Engineering, Anna University, India

Report order

No.	Agenda	Reporter	Organization
1	DISCRETIZATION AND FEATURE SELECTION BASED ON GEODETECTOR IN LANDSLIDES SUSCEPTIBILITY MAPPING	Yimo Liu	Key Laboratory of Digital Earth Science, Aerospace Information Research Institute, Chinese
3	Assessment and Preparation of Landslide Susceptibility Zonation Map by Geospatial method using Remote Sensing and GIS	Abhik Saha	Indian Institute of Technology (Indian School of Mines), India
4	Effectiveness of Different Machine Learning Algorithms in Landslide Susceptibility Mapping: A Case Study of Trabzon Province, Turkey	Taskin Kavzoglu	Gebze Technical University, Department of Geomatics Engineering, Turkey
5	LANDSLIDE DETECTION AND ANALYSIS USING 3D POINT CLOUD	Dhivya Harini G	Department of Information Science and Technology, College of Engineering, Anna University, India

6	Identification of Landslides in UHV Transmission Channels in The Three Gorges Reservoir Area Based on Time Series InSAR	Lingqi Zhang	Capital Normal University, China
7	Sediment Budget Analysis by Long-term Differential InSAR in Hiroshima	Hana Watari	University of Yamaguchi, Japan

Beijing Time (GMT+8): 13:00-14:20		Room: 8	TS: 8-1

Topic：Geology, Geography, and Geomorphology Session

Chairman/Organization	Fengli Zhang/ Aerospace Information Research Institute, Chinese Academy of Sciences, China
	Mu Mu Than/ Department of Geography, Sittway University, Myanmar

Report order

No.	Agenda	Reporter	Organization
1	Assessment of sustainable tourism development in Cu Chi district, Hochiminh city, Vietnam	Nguyen Huy Anh	University of Natural Resources and Environment, Vietnam
2	Land Subsidence Analysis Observed By Ps-Insar Method In Southern Part Of Bali, Indonesia (A Case Study Of Denpasar And Badung Area)	Made Ryan Dwiputra	Master Program in Environmental Science, Udayana University, Indonesia
3	PARAMETERIZATION OF AERODYNAMIC ROUGHNESS OVER URBAN AREAS FOR WRF-CHEM MODEL BASED ON LCZ AND RADAR INTERFEROMETRY	Fengli Zhang	Aerospace Information Research Institute, Chinese Academy of Sciences, China
4	THE IMPACT OF DEMOGRAPHIC CHARACTERISTICS AND ROAD NETWORK ON THE SPREAD OF CORONAVIRUS PANDEMIC IN RAKHINE REGION: USING GEOSPATIAL TECHNIQUES	Mu Mu Than	Department of Geography, Sittway University, Myanmar
5	Applicability of Landsat-8 OLI and ASTER data for lithological mapping in parts of Naga Hills ophiolite belt, India	Subhanil Guha	Department of Applied Geology, National Institute of Technology Raipur, India
6	A review of characteristics influencing factors, mechanism, characteristics of heavy metal pollution in farmland in China	Xuqing Li	Department of Computer and Remote Sensing Information Technology, North China Institute of Aerospace Engineering, China
7	Geometric Evolution of West Chamshen Glacier, East Karakoram	Arjun Pratap Shahi	Department of Applied Geology, National Institute of Technology, India

Beijing Time (GMT+8): 14:25-15:45		Room: 8	TS: 8-2

Topic：Change Detection and Monitoring Session

Chairman/Organization	Xinyi Hu/ State Key Laboratory of Organic Geochemistry, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences
	Vaishnavi Upadhyay/ Banasthali Vidyapith, India

Report order

No.	Agenda	Reporter	Organization

1	Monitoring Surface Water Status of East Kolkata Wetlands (1984-2015) with Global Surface Water Dataset	Animesh Choudhury	Department of Remote sensing and GIS, Vidyasagar University, India
2	Differences of Coastline Length and Fractal Dimension Between Pixel-level Edge Detection and Sub-pixel Edge Detection of Coastline Extraction: A Case Study of the Eastern Coast of The Pearl River Estuary	Xinyi Hu	State Key Laboratory of Organic Geochemistry, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences
3	Coastline Change Detection Using Remote Sensing Approach in Buleleng Regency, Bali Province	Amandangi Wahyuning Hastuti	Graduate School of Science and Technology for Innovation, Yamaguchi University, Japan
4	Urban Expansion Analysis of GBA Based on Multi-source Nighttime Light Remote Sensing Images	Tielan Huang	Guangdong Polytechnic of Industry and Commerce, China
5	Urban Landscape Change Analysis and their Impact on Land Surface Temperature in Naypyitaw City in Myanmar	Kyaw Zaya Htun	Remote Sensing & GIS Research Center, Yangon Technological University, Myanmar
6	Identification of slum settlements using Logistic Regression	Vaishnavi Upadhyay	Banasthali Vidyapith, India
7	Multi-temporal Land Use patterns in Lucknow, India	Ravi Verma	Department of Civil Engineering, Indian Institute of Technology Roorkee, India

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Topic：Culture Heritage and Earth Applications Session		
Chairman/Organization	Hengqian Zhao/ China University of Mining and Technology	
	Illyani Ibrahim/ Department of Urban and Regional Planning, Kulliyyah of Architecture and Environmental Design, International Islamic University Malaysia, Malaysia	

Report order			
No.	Agenda	Reporter	Organization
1	Application of Hyperspectral Imaging Technology in the Analysis of Jingdezhen Blue and White Porcelain Dynasty	Zhiheng Hu	College of Geoscience and Surveying Engineering, China University of Mining & Technology, China
2	Identifying characteristics of historical forts in Malay Peninsula	Illyani Ibrahim	Department of Urban and Regional Planning, Kulliyyah of Architecture and Environmental Design, International Islamic University Malaysia, Malaysia
3	Delineations of the Malay Public Realm in the Historical Kuala Kangsar	Illyani Ibrahim	Department of Urban and Regional Planning, Kulliyyah of Architecture and

			Environmental Design, International Islamic University Malaysia, Malaysia
4	MODELING THE OXIDATION REDUCTION POTENTIAL (ORP) IN URBAN RIVER OF JOHOR BAHRU USING FIELD SPECTRORADIOMETER	Soo Kai Ting	Department of Geoinformation, Faculty of Built Environment and Surveying, Universiti Teknologi Malaysia
5	Influence of Dominant Land Cover on the Variability of Vegetation Indices, LST and Albedo: A Spatio-temporal Approach	Priyanka Rao	Indian Institute of Remote Sensing, India
6	The Green Open Space's Size and Form Effect on Microclimate in The Campus: A Case Study in University of Indonesia and IPB University	Prita Ayu Permatasari	Environmental Research Center, IPB University, Indonesia
7	Evaluation On Use Of Electric Fence To Reduce Conflict Between Wild Elephant And Rural Communities	Kyaw Sann Oo	GBP Office, Myanmar

Beijing Time (GMT+8): 13:00-14:20		Room: 9	TS: 9-1

Topic：Geographic Information Systems (GIS) Session

Chairman/Organization	Tek Bahadur Kshetri/ Institute of Engineering, Tribhuvan University, Nepal
	Yumiko Nagai/ Yamaguchi University, Center for Research and Application of Satellite Remote Sensing, Japan

Report order

No.	Agenda	Reporter	Organization
1	GIS integrated Urban agglomeration and Spatial Pattern Analysis in the Colombo District, Sri Lanka	KGPK Weerakoon	Department of Estate Management and Valuation, University of Sri Jayewardenepura, Sri Lanka
2	ASSESSMENT OF LOCATION SUITABILITY OF THAMBUThTHEGAMA DEDICATED ECONOMIC CENTRE – SRI LANKA	M.P.Maurawansa	Department of Town and Country Planning, Faculty of Architecture, University of Moratuwa, Sri Lanka
3	Genealogical Aggregation and Ancestral Domain Management: A Web-based GIS Implementation in a Developing Country	Glenn H. Lahayon	Office of the Civil Defense Region X, Philippines
4	RELATIONSHIP BETWEEN NIGHTTIME LIGHTS AND LAND SURFACE TEMPERATURE	Parimelazhagan Dheivasigamani	Indian Institute of Remote Sensing, ISRO, India
5	Web-GIS Based Utility Management System: A Case Study Of Deep Housing, Pokhara, Nepal	Tek Bahadur Kshetri	Institute of Engineering, Tribhuvan University, Nepal
6	GIS-Based Space and Time Analysis of Road Accidents in an Urban Environment: A Case Study of the Colombo MC Area.	H.B.T.P. Jayathilaka	Postgraduate Institute of Science, University of Peradeniya, Sri Lanka
7	Lawn Monitoring at Golf Course Using Integration of GIS, Remote Sensing and GNSS Technologies	Yumiko Nagai	Yamaguchi University, Center for Research and Application of Satellite Remote Sensing, Japan

Beijing Time (GMT+8): 14:25-15:45		Room: 9	TS: 9-2

Topic：GIS and Spatial Database Analysis Session

Chairman/Organization	Arun Kumar Verma/ Defence Research Development Organisation, Ministry of Defence, India
	Edmark Bulaong/ Institute for Climate Change and Environmental Management

Report order

No.	Agenda	Reporter	Organization
1	Spatial Analysis of Urban Bicycles Facility and the Surrounding Neighborhood	Jessica	Industrial Engineering Department, Faculty of Engineering, Bina Nusantara University, Indonesia

2	GIS BASED SUITABILITY ANALYSIS FOR RESIDENTIAL LOCATIONS IN HORANA URBAN COUNCIL AREA	A.M.N. Navodya	Department of Geography, University of Ruhuna, Sri Lanka
3	COVID-19 GEO-SPATIAL BIG DATA ANALYSIS FOR THE IMPACT OF LATITUDE ON POPULATION MORTALITY FOR COUNTRIES SITUATED AT LATITUDES BETWEEN 64°N AND 35°S	Arun Kumar Verma	Defence Research Development Organisation, Ministry of Defence, India
4	CONONAVIRUS SPATIAL BIG DATA ANALYSIS FOR DEVELOPING SPECTRUM MODELS OF DIFFERENT STAGES OF THE OUTBREAK TO PREDICT THE TRENDS OF THE SPECTRUM	Arun Kumar Verma	Defence Research Development Organisation, Ministry of Defence, India
5	SPATIAL BIG DATA ANALYSIS OF COVID-19 FOR DETERMINING SEVERITY OF THE OUTBREAK IN THE SOUTHEAST ASIAN REGION	Arun Kumar Verma	Defence Research Development Organisation, Ministry of Defence, India
6	GIS-Based Rooftop Site Mapping for Solar Photovoltaic System Installation Using LiDAR-derived DSM	Christine Lou A. Lazaga	PHIL – LIDAR 1 Project, University of the Philippines Mindanao, Philippines
7	ESTIMATION OF TREE CANOPY COVER IN CENTRAL LUZON STATE UNIVERSITY USING SATELLITE IMAGERIES AND GIS	Edmark Bulaong	Institute for Climate Change and Environmental Management

Beijing Time (GMT+8): 15:50-17:10	Room: 9	TS: 9-3

Topic：GIS and Applications Session

Chairman/Organization	Kouki Kurita/ Shibaura Institute of Technology
	Chin-Jin Kuo/ Dept. of Forestry, Chung-Hsing University, Chinese Taipei

Report order

No.	Agenda	Reporter	Organization
1	Coastal Resource Management: A Systems Approach	Gella Patria L. Abella	Institute for Climate Change and Environmental Management, Central Luzon State University
2	A User Interactive WebGIS webpage for Decision Making & Resource Allocation during COVID-19 pandemic – A Case study for Solapur Municipal Cooperation, Maharashtra, India	Gella Patria L. Abella	Centre for Environmental Planning and Technology University, India
3	Implementation of Low-power GNSS and Geomagnetics Positioning on Single Board Computer	Kouki Kurita	Shibaura Institute of Technology
4	Optimal Routing of Irrigation Canal paths using a Digital Elevation model	Sai Chaitanya Reddy Ponnathota	International Institute of Information Technology, India

5	Development of E-Waste mobile application System Using Integrated Location-Based Approach	Ahmad Tarmizi Mohd Azmi	Institute for Climate Change and Environmental Management, Central Luzon State University Science City of Muñoz
6	Demonstration experiment for the early detection method of wandering dementia patients by using GNSS - Probability of a positional estimation by GNSS which examinee has in indoor -	Yoshiyuki Takumi	Kanazawa Institute of Technology, Japan

Beijing Time (GMT+8): 13:00-14:20	Room: 10	TS: 10-1

Topic：RS & Mapping Session

Chairman/Organization	Abdul Rahaman/ Department of Geography, Bharathidasan University, India.
	Shaparas Daliman/ Faculty of Earth Science, Universiti Malaysia Kelantan Jeli Campus

Report order

No.	Agenda	Reporter	Organization
1	AN AUTOMATED APPROACH AND COMPARATIVE ANALYSIS FOR QUANTIFYING STREAM NETWORK THROUGH DIGITAL ELEVATION MODEL: CASE STUDY OF LOWER THAMIRABHARANI SUB-BASIN, TAMIL NADU	Aarthi Deivanayagam	Department of Geography, Bharathidasan University, India.
2	AUTOMATIC EXTRACTION OF LANDFORMS IN A COMPLEX TERRAIN OF WESTERN GHATS REGION OF INDIA USING EARTH OBSERVATION DATASETS AND GIS	N. A. Sukeshini	ICAR-National Bureau of Soil Survey and Land Use Planning, India
3	Comparative evaluation of Digital Elevation Model (DEMs) based on elevation data at selected ground control points and topographic attributes leading to their validation	Ankita Sharma	Department of Geology, Chauras Campus, India
4	Simulation of Scanned Point Cloud Pattern Aiding LIDAR Data Acquisition Planning Process for Mobile Mapping System	Chisaphat Supunyachotsakul	Department of Civil Engineering, Faculty of Engineering, King Mongkut's Institute of Technology Ladkrabang, Thailand
5	Estimation of shallow water depth from swell patters using GF-3 SAR data	Xiaolin Bian	Laboratory of Target Microwave Properties, Deqing Academy of Satellite Applications, China
6	Vegetation Analysis Based On Pleiades Images At UMK Agropark	Nur Ain Najwa Mohd Adib	Faculty of Earth Science, Universiti Malaysia Kelantan Jeli Campus, Malaysia
7	Spatiotemporal analysis of land cover change and population dynamics in Horqin Sandy Land, China	Yun Du	School of Environmental and Geographical Sciences, Shanghai Normal University, China

Beijing Time (GMT+8): 14:25-15:45	Room: 10	TS: 10-2

Topic：RS for Agriculture, Soil, and Crop Session

Chairman/Organization	Nirmal Kumar/ ICAR-National Bureau of Soil Survey and Land Use Planning

	Tangao Hu/ Hangzhou Normal University		

Report order

No.	Agenda	Reporter	Organization
1	REMOTE SENSING BASED DIGITAL MAPPING OF SOIL PROPERTIES IN A HIMALAYAN WATERSHED EMPLOYING MACHINE LEARNING TECHNIQUE	Nyenshu Seb Rengma	Agriculture and Soils Department, Indian Institute of Remote Sensing, Indian Space Research Organisation, India
2	MODIS NDVI TIME SERIES FOR IDENTIFICATION OF DEGRADED LAND HOTSPOTS	Nirmal Kumar	ICAR-National Bureau of Soil Survey and Land Use Planning
3	Evaluation and Inversion of Oh, Dubois Models C – band (Sentinel 1) data for Soil Surface Parameter	Ajit Kumar	Milliya arts science and management science college Beed, India
4	Identification and Mapping of degraded lands using remote sensing and their mitigation regimes: A case study of West Haryana (India)	Promila Bishnoi	Department of Environment Science and Engineering, India
5	Improve Temporal Consistency of Satellite Constellation Image Time-series for Farmland Abandonment Detection	Yoshihiko Kobayashi	Graduate School of Agriculture, Ibaraki University, Japan
6	Deep Learning Segmentation Applicator Technique for Processing High Resolution Satellite Data in Mapping and Updating Paddy Cultivations at Plot Level	Nurshafiza Zanal Abiddin	Malaysia Space Agency (MYSA), Malaysia
7	Preliminary Study of Digitalizing Potential Paddy Lot Sample Using Space Based Technology for Crop Cutting Survey (CCS)	Akhmalluddin Mohd Sujai	Malaysian Space Agency, Ministry of Science, Technology

Beijing Time (GMT+8): 15:50-17:10	Room: 10	TS: 10-3

Topic：RS for Agriculture and Forestry Session

Chairman/Organization	Muhammad Hayyu Mahabbah/ Department of Soil Science and Land Resources, IPB University, Indonesia
	Elbegjargal Nasanbat/ National Remote Sensing Center, Information and Research Institute of Meteorology Hydrology and Environment, Mongolia

Report order

No.	Agenda	Reporter	Organization
1	Rice Yield Productivity Modelling using Vegetation Indices of Landsat 8 and Radarsat-2 Satellite Imagery	Siti Aishah Mohammad Rasit	Laboratory of Plantation System Technology and Mechanization, Institution of Plantation Studies, Universiti Putra Malaysia
3	Rice Field Detection and Mapping Using	Muhammad Hayyu	Department of Soil Science

	Multitemporal Sentinel-1 Synthetic Aperture Radar Data with RGB Composite and Thresholding Approach: A Case in Three Districts of Cianjur, Indonesia	Mahabbah	and Land Resources, IPB University, Indonesia
4	Mapping Forest Restoration in Lower Mississippi Alluvial Valley	Nitant Rai	Department of Forestry, Mississippi State University, USA
5	Assessment of Green Cover in Faridabad District (India): A Geospatial Approach	K. E. Mothi Kumar	Haryana Space Applications Centre, India
6	A HIERARCHICAL MULTISCALE OBJECTED-ORIENTED CLASSIFICATION METHOD FOR GF-2 WALNUT FOREST EXTRACTION	Yuancheng Huang	Xi'an University of Science and Technology, China
7	A FIRE RISK MAP FOR PROTECTED AREAS OF MONGOLIA: DORNOD MONGOL SPA, NUMRUG SPA, ZED-KHANTAI-BUTEELIIN NURUU SPA AND ONON-BALJ NP	Elbegjargal Nasanbat	National Remote Sensing Center, Information and Research Institute of Meteorology Hydrology and Environment, Mongolia

3.3 Poster Overview

Paper number	Topic	Agenda	Poster	Organization
000064	Algorithm and Image Processing	COMPARISON OF TWO ALGORITHMS TO IMPROVE THE DETECTION OF OIL SPILLS	AHMEDA HAMADMEHDAWI	Assalam International University
000183	Education and Training	Are Satellite-based Orthoimages and GNSS replacing the Maps for a growing User Community	Ashutosh Bhardwaj	Indian Institute of Remote Sensing
000088	Geographic Information Systems (GIS) and Web GIS	GIS spatial Analysis in determining of Potential Spot Tourism in Karambunai, Malaysia.	Ariffah Ahliun	International Islamic University of Malaysia
000462	Environmental Domain	Monitoring Channel Shifting Pattern and Dynamics of River Channel Width using Remote Sensing Data	Kusumbor Bordoloi	Gauhati University
000277	RS for Natural Resources	Sea Surface Temperature and Chlorophyll-a Concentration for Peninsular Malaysia and its Surrounding Area	Azizah Binti Ahmad	Universiti Kebangsaan Malaysia
000179	Algorithm and Image Processing	GIS Mapping of Sub-Surface Water Reservoirs: A Case Study of Rechna Doab	Mubbashra Sultan	Aerospace Information Research Institute, Chinese Academy of Sciences
000366	Algorithm and Image Processing	Detecting Land cover Changes in Sites Hosting protected Cultural Heritage: A case example of UNESCO protected site in Nalanda, India	Esha Semwal	Photogrammetry and Remote Sensing Department, Indian Institute of Remote Sensing
000144	Environmental Domain	A WebGIS Visualization to Identify Growth Pattern for Urban Expansion using Remote Sensing Satellite Images – A Case study for Surat, Gujarat, India	Samarjeet Dhirya Salunke	Research Student, Centre for Environmental Planning and Technology University
000142	Cloud	Combination of Non Hadoop-	Fahmi Amhar	Geospatial

	Computing, Big data and AI in Remote Sensing	Bigdata & Relational DB		Information Authority of Indonesia
000334	Environmental Domain	Vulnerability of Land Subsidence on the MRT Construction Area in Jakarta	Chara Bernike	Graduate Student of Environmental Science, Udayan University
000184	RS for Natural Resources	Micro-level delineation of agro meteorological zones in the Sivagangai district of Southern India using remote sensing and GIS techniques	Venkadesh Samykannu	Agro Climate Centre
000023	RS for Natural Resources	Spatio-temporal assessment of drought severity maps using agricultural drought severity index for seven agro climatic zones of Tamil Nadu, India	Venkadesh Samykannu	Agro Climate Centre
000206	Algorithm and Image Processing	Modified STARFM Method for Remote Sensing Satellite Data Fusion Between Pleiades 1A/1B, SPOT-6/7 and Sentinel-2A/2B	Donna Monica	Remote Sensing Technology and Data Center, National Institute of Aeronautics and Space
000251	Geographic Information Systems (GIS) and Web GIS	EXTRAPOLATING THE SPATIAL PATTERN OF CHINESE GUGER-TREE AND FORMOSAN RHODODENDRON VIA 3S AND AI	Chen-IHsu	Dept. of Forestry, Chung Hsing University
000419	Environmental Domain	Study of cultural landscapes with remote sensing techniques	Aikaterini Karagianni	Aristotle University of Thessaloniki
000212	Environmental Domain	Retrieval of colored dissolved organic matter and dissolved organic carbon in the Singapore Strait	Elizabeth Wong	Centre for Remote Imaging, Sensing and Processing, National University of Singapore
000272	Disaster Monitoring and Prevention	Assessing vegetation damage caused by extreme cold weather in the south of China using remote sensing	Na Li	State Key Laboratory of Organic Geochemistry, Guangzhou Institute of Geochemistry,
000222	Environmental	Estimation of Telmen lake area	Tsolmon Altancimeg	Ghent University

	Domain	changes in Mongolia		
000053	RS for Natural Resources	Deriving Urban Built-up Area in Tianjin Based on Night-light Data	Lingyu LI	School of Geology and Gematics,Tianjin Chengjian University
000294	RS for Natural Resources	Land Use and Land Cover Changes Detection and its Impact on Agriculture Land& Wasteland by using Remote Sensing and GIS Techniques: A Case Study in Jalandhar District, Punjab, India.	IndrajitPal	Punjab Remote Sensing Centre,
000260	Disaster Monitoring and Prevention	APPLICATION OF GIS AND REMOTE SENSING FOR LANDSLIDE DISASTER RISK ASSESSMENT IN MASINLOC, ZAMBALEZ, PHILIPPINES	Eliza Elizarde Camaso	Institute for Climate Change and Environmental Management, Central Luzon State University
000262	Geographic Information Systems (GIS) and Web GIS	GIS-BASED APPROACH FOR VULNERABILITY ASSESSMENT OF THE MUNICIPALITY OF CANDELARIA, ZAMBALES, PHILIPPINES	Eliza Elizarde Camaso	Institute for Climate Change and Environmental Management, Central Luzon State University
000338	Algorithm and Image Processing	COMPARATIVE EVALUTION OF FLAASH (SCALED DISORT) AND QUAC BASED ATMOSPHERIC CORRECTIONS ON AVIRIS-NG HYPERSPECTRAL DATA	MAHESHKUMARTRPATHI	Department of Applied Geology, National Institute of Technology Raipur
000335	RS & Mapping	IMPLICATION OF SPECTRAL RESOLUTION IN IRON OXIDES/HYDROXIDES DISCRIMINATION AND MAPPING: AN APPLICATION OF AVIRIS-NG HYPERSPECTRAL DATA	MAHESHKUMARTRPATHI	Department of Applied Geology, National Institute of Technology Raipur
000229	Environmental Domain	EMULATING THE HABITAT OF DIFFERENT TREE SPECIES AT LOW–MEDIUM ELEVATION BY MACHINE LEARNING	ChinJou HSU	Dept. of Forestry, Chung-Hsing University
000390	Sensor and Platform	SWARM-BASED UNMANNED AERIAL VEHICLES – ROLES AND FUTURE POTENTIALS	Pradeep Kumar Garg	Civil Engineering Department Indian Institute of Technology,

000275	Algorithm and Image Processing	Landscape Movement in Yogyakarta Mount Merapi Using D-InSAR Analysis	ASAHIHARIMOTO	Space Utilization Engineering laboratory, Yamaguchi University
000321	RS for Natural Resources	Land Cover Change Assessment using Multitemporal Datasets of Tanintharyi Region, Myanmar	Khin MarYee	Myeik University
000125	Geographic Information Systems (GIS) and Web GIS	DEVELOPMENT OF INTEGRATED SITUATION BOARD SYSTEM (e-DRiMSS) FOR DECISION SUPPORT IN EARTHQUAKE DISASTER RESPONSE	Eung-JoonLee	Spatial Information Technology Research Institute
000020	Disaster Monitoring and Prevention	Flood mapping and damage assessment using sentinel – 1 & 2 in Google Earth Engine of Port Berge & Mampikony districts, Sophia region, Madagascar	Vineeth Penchala Kurapati	Project Scientist, Centre on Geo-Informatic Applications in Rural Development, Ministry of Agriculture, Livestock and Fisheries, Madagascar
000264	Disaster Monitoring and Prevention	Mapping of Flood Inundated Area and Impact Assessment using SAR Data over Ghaggar River Basin of Punjab, India	SASHIKANTSAHOO	Punjab Remote Sensing Centre,
000289	RS for Natural Resources	Analysis the Ability of Remote Sensing Data to Estimate Land Prices and their Suitability In The Field. A Case study in some Parts of Semarang City, Indonesia	Yohanes Wisnu Purnama	Department of Geographic Information Science, Faculty of Geography, Universitas Gadjah Mada,
000387	RS for Natural Resources	SPATIAL ANALYSIS OF LAND USE AND LAND COVER CHANGE: A CASE STUDY IN THE SURROUNDING OF KALADAN RIVER, RAKHINE STATE	Mu Mu Than	Department of Geography, Sittway University
000056	Environmental Domain	Quantifying the impacts of urbanization on mangrove forests in China	Shan Wei	Department of Geography, The University of Hong Kong, China
000286	Geographic	FLUS Model Application for	DYAHLESTARIW.	Industrial

	Information Systems (GIS) and Web GIS	Land-Use Simulation of Indonesia's Megacity Region		Engineering Department, Faculty of Engineering, Bina Nusantara University
000298	RS for Natural Resources	Comparison of Support Vector Machines, Random Forest and Decision Tree Methods for Classification of Sentinel-2A Image Using Different Band Combinations	Furkan Bilücan	Gebze Technical University, Department of Geomatics Engineering
000427	RS & Mapping	Utilisation of Airborne LiDAR Data in Perspective of Department of Survey and Mapping Malaysia	Hazribin Hassan	Coordinating and Mapping Policy Division, Department of Survey and Mapping Malaysia
000345	RS & Mapping	Comparative Analysis of Spectral Feature Fitting (SFF) and Spectral Angle Mapper (SAM) in the Delineation of Hydrothermally Altered Mineral in Jahazpur, Rajasthan, India using AVIRIS-NG Hyperspectral Data	Gaurav Mishra	Department of Applied Geology, National Institute of Technology Raipur
000344	RS & Mapping	Comparative Evaluation of Thermal Imagery of Landsat-8 and ASTER in the Delineation of Lithology in Jahajpur, Rajasthan, India	Gaurav Mishra	Department of Applied Geology, National Institute of Technology Raipur
000228	RS for Natural Resources	PRELIMINARY ASSESSMENT ON SUSTAINABLE MOUNTAIN ENVIRONMENT USING MULTI TEMPORAL AND MULTI SPECTRAL LANDSAT DATA: A CASE STUDY OF NAUNGMON TOWNSHIP, PUTAO DISTRICT, KACHIN STATE, MYANMAR	Hnin Khaing Aye	Department of Geography, Hpa-an University,
000241				
000473	Sensor and Platform	Design of a light and small multispectral camera	Zhu meng xu	North China Institute of Aerospace Engineering LangFang

000327	Algorithm and Image Processing	Cellular Automata and Markov Chain Based Urban Growth Prediction	Shrushti Sanjay Jadawala	Department of Earth Sciences, School of Science, Gujarat University
000029	Sensor and Platform	An overview of SAR sensors and software; and a comparative study of open source (SNAP) and commercial (SARscape) software for DInSAR analysis using C-band radar images	VIVEKAGARWAL	Faculty of Engineering, University of Nottingham
000022	Sensor and Platform	Research on Vertical Space Characteristic of Satellite Infrared Hyperspectral Atmospheric Sounding Data	Ci Song	Shanghai University
000165	RS & Mapping	Remote sensing of invasive alien wattle in the low lying Midlands of KwaZulu-Natal, South Africa	Romano Trent Lottering	University of KwaZulu-Natal,
000436	Environmental Domain	Parameterization of an irregular-shaped ice particle model in climate simulations with community atmospheric model version5	Ming Li	Aerospace Information Research Institute, Chinese Academy of Sciences
000365	Geographic Information Systems (GIS) and Web GIS	Emerging Geoportal platforms for geosmart agricultural planning	G.P. Obi Reddy	ICAR-National Bureau of Soil Survey & Land Use Planning
000201	Environmental Domain	Environmental Study using Global Earth Engine: A Systematic Literature Review	IlyaniIbrahim	International Islamic University Malaysia
000443	RS for Natural Resources	Distribution of Rubber Plantation at Surat Thani using Remote Sensing	Shaparas Daliman	Faculty of Earth Science, Universiti Malaysia Kelantan Jeli Campus
000454	RS for Natural Resources	Forest Tree Analysis at Gunung Basor Forest Reserve Using Remote Sensing	Shaparas Daliman	Faculty of Earth Science, Universiti Malaysia Kelantan Jeli Campus
000017	Disaster Monitoring and	Evaluation of Meteorological Indices for Drought Monitoring in Chengalpattu District,	Kamalanandhini M	Department of Civil Engineering, SRM Institute of

	Prevention	Tamilnadu, India		Science and Technology
000041				
000042	Environmental Domain	Inversion of Water Quality Parameters of Maozhou River by Hyperspectral Technology	Linshan Zhang	Aerospace Information Research Institute, Chinese Academy of Sciences
000186	Geographic Information Systems (GIS) and Web GIS	Unobtrusive Mobile Push Technology in Location Broadcasting	Vicente A Pitogo	College of Computing and Information Sciences, Caraga State University
000391	Environmental Domain	Analyzing the relationship between urban vegetation and land surface temperature in Raipur City, India	Subhanil Guha	Department of Applied Geology, National Institute of Technology Raipur
000396	Algorithm and Image Processing	Mapping Paddy Field Using Sentinel-Sar In Malaysia	Kuok-Choy Lam	Geography Programme
000373	Environmental Domain	Scaling Forest Habitat Suitability Using an Endangered Species as Bioindicator	Isabella Lopez Quijano	Central Visayas Center for Environmental Informatics, University of the Philippines Cebu
000085	Disaster Monitoring and Prevention	Emergency monitoring of tailings leakage based on GEE platform	Hongwei Zhang	College of Geoscience and Surveying Engineering, China University of Mining & Technology
000168	RS for Natural Resources	The Use of Aerial Photographs for Paddy Rice Phenology Estimation	Mochamad Firman Ghazali	Department of Geodesy and Geomatics Engineering, Faculty Engineering, University Lampung, Indonesia
000346	Environmental Domain	Assessment and Mapping of Vulnerability to Land Degradation in Anantapuramu district of Andhra Pradesh,	Sandeep P	ICAR-National Bureau of Soil Survey and Land Use Planning

		India Using Remote Sensing and GIS Techniques		
000151	Environmental Domain	Impacts Of Socioeconomic Environments On Marigold Floriculture In Ranaghat-II, India	Rajib Sarkar	Department of Geography, Adamas University
000354	Environmental Domain	Benguet Forest Fire Burned Area & Taal Ash Extent Estimation Using Support Vector Machine & Thresholding Techniques	Arlo Cutamora Sabuito	STAMINA4Space Program, Institute of Environmental Science and Meteorology, University of the Philippines Diliman
000214	Remote Sensing Application for Public Health	Analysis of Rice Phenological Differences under Heavy Metal Stress Based on Multi-Source Remote Sensing Time-Series Images	Tianjiao Liu	North China Institute of Aerospace Engineering
000374	Algorithm and Image Processing	A COMPARITIVE STUDY OF BUILDING EXTRACTION METHODS FROM VHR SATELLITE IMAGES	Jenifer Grace Giftlin C	Sethu Institute of Technology
000300	Disaster Monitoring and Prevention	Evaluation of The Nile River Flooding in The Khartoum Capital using Sentinel-1 Imagery	Muhagir Hisham Elkamali	Department of Geography and Urban Sustainability, United Arab Emirates University
000189	Environmental Domain	SPATIAL ENVIRONMENTAL ASSESSMENT OF MANGROVES ON SMALL ISLAND USING NDVI	Nurjannah Nurdin	Marine Science Department, Hasanuddin University
000148	RS & Mapping	LiDAR Scan Matching with RTK-GNSS Positioning and Geometric Constraints	Masafumi Nakagawa	Shibaura Institute of Technology
000266	RS for Natural Resources	A Technical Assessment of the Use of Current Geospatial Technologies to Derive Marine Fishery Advisories in India and the Way Forward	Sudip Kumar Kundu	National Institute of Advanced Studies
000329	Disaster Monitoring and Prevention	Analysis of Vegetation Fires in the Peatlands of Sumatra in 2019	Chenghua Shi	Centre for Remote Imaging, Sensing and Processing, National University of

				Singapore
000079	Algorithm and Image Processing	Tomato Grading System with Computer Vision	Tee Say Jin	Department of Biological and Agricultural Engineering
000483	Geographic Information Systems (GIS) and Web GIS	Urbanization and Population growth in Colombo Municipal Council: Urban Growth Analysis Using Geographical Information System (GIS) and Remote Sensing (RS)	Samanmali MA	University of Colombo
000482	Education and Training	Case study of the social and information technological difficulties of the learners during the COVID-19 period.	Samanmali MA	University of Colombo
000215	Algorithm and Image Processing	RGB cloud free image of Sentinel-2 imageries using temporal transformation algorithm to identify paddy fields in Subang, West Java	Kustiyo Kustiyo	University of Indonesia
000227	Geographic Information Systems (GIS) and Web GIS	GIS-MCDM technique in determining typology of Transit-Oriented Development (TOD)	Zafirah Najib	International Islamic University Malaysia.
000351	Disaster Monitoring and Prevention	Heavy Rainfall Induced Flood and Landslide	I Made Oka Guna Antara	Center of Spatial Data Infrastructure Development, Udayana University
000153	Geographic Information Systems (GIS) and Web GIS	Extracting Carbon Emission for Industrial Area by Using Landsat 8: Case study of Klang, Malaysia	RUQAYYAH MOHDZAINI	Urban and Regional Planning Department, Kulliyah of Architecture and Environmental Design, International Islamic University of Malaysia
000124	Remote Sensing Application for Public Health	Monitoring the Seasonal Land Surface Temperature Changes in Seoul, Korea Using the Multi-temporal MODIS Satellite Images	Yun-Jae Choung	Geospatial Research Center

000161	RS & Mapping	Investigation the relationship between spatial distribution of vegetation cover and land surface temperature based on remote sensing application: a case study of Langkawi, Malaysia	Meftah Salem Alfatni	Faculty of Engineering, Universiti Putra Malaysia
000026	RS & Mapping	Small Format Aerial Photography Acquisition of Parangtritis Sand Dunes Area Using Fixed-Wing Unmanned Aerial Vehicle and Integrated Ground Control Point	Fajrun Wahidil Muharram	Parangtritis Geomaritime Science Park
000106	Geographic Information Systems (GIS) and Web GIS	DEVELOPMENT OF DROUGHT MONITORING VISUALIZATION SYSTEM FOR THE KOREAN PENINSULA USING UNITY 3D ENGINE	Kyoung Seop Kim	Spatial Information Technology Research Institute
000470				
000287				
000370	Environmental Domain	Mapping Coastal Marine Debris Flow using Trajectory Particle 2D Modelling and Aerial Imagery (Case Study: Tukad Loloan and Mertasari Beach – Bali)	Elland Yupa Sobhytta	Center for Management of Coastal and Marine Resources Denpasar, Indonesia
000166	Algorithm and Image Processing	Comparison of Fusion Methods on GF-5 Hyperspectra	Xiaoyang Zhao	Aerospace Information Research Institute, Chinese Academy of Sciences
000154	Environmental Domain	Evaluating the TanDEM-X Digital Elevation Model in Differential Interferometric topographic phase removal process for glacier velocity estimation	Bala Raju Nela	Indian Institute of Technology Bombay
000435	Algorithm and Image Processing	Spatiotemporal variation characteristics of aridity index and related energy and water cycle key parameters over the Mongolian Plateau and surrounding areas	Jie He	Aerospace Information Research Institute, Chinese Academy of Sciences

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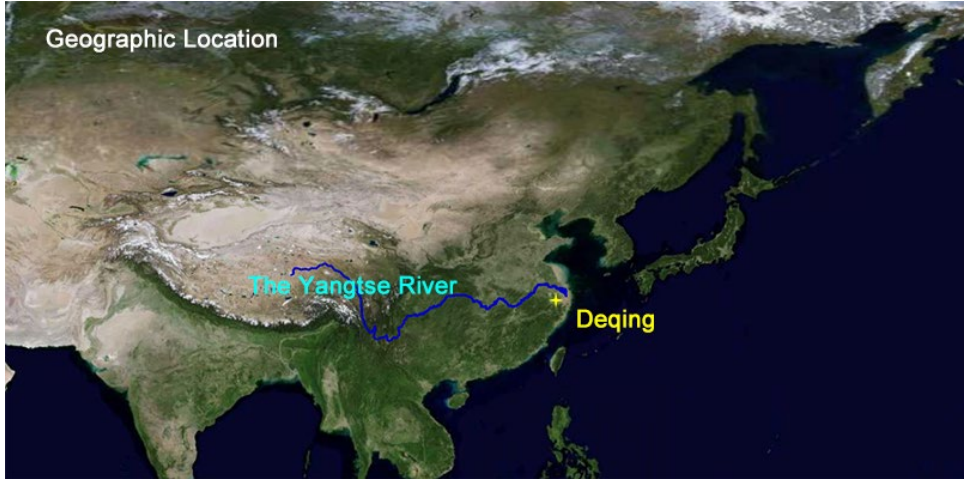Tianjin HyTech Information

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5 Tours Information

Meeting location

Rich Cultural Heritage

| Legend of ancient flood control | Origin of Porcelain | Ancient poetry | Antique royal dance |

Deqing city has a long history, with relics of Liangzhu Culture and legend of ancient Fangfeng culture. The name of the county is close to Yubuxi, which means that the political morality of the county is as clear as water.

http://www.deqing.gov.cn/

6 Contact Information

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