

July 4 (Monday)				
Registration (8:00 - 18:00)				
8:00	Opening Session Qinghe Hall Chair: Xiaoli Ding			
	Chair: Prof. Ming Liu, Central South University of Forestry and Technology, CHINA Co-Chair: Prof. Hong Zhu, South China Normal University, China Co-Chair: Prof. Chun-long Xian, South China Agricultural University, China Program Committee Chair: Prof. Qihao Weng, Indiana State University, USA			
	Plenary Session 1 Qinghe Hall Chair: Jing Ming Chen			
8:30	Prof. Guanhua Xu, Ministry of Science and Technology of People's Republic of China, Global Change and Sustainable Development			
9:00	Prof. Jun Chen, National Geomatics Centre of China, GlobeLand30			
9:30	Dr. George Xian, United States Geological Survey, USA, Development of National Land Cover 2016 Product			
10:00	Coffee Break			
	Special Session: Meeting with Editors Qinghe Hall Chair: Paolo Gamba			
10:30	Jing Ming Chen, University of Toronto, Canada, Editor-in-Chief, Remote Sensing of Environment Paolo Gamba, University of Pavia, Italy, Former Editor-in-Chief, IEEE Geoscience and Remote Sensing Letters Qihao Weng, Indiana State University, USA, Editor-in-Chief, ISPRS Journal of Photogrammetry and Remote Sensing George Xian, United States Geological Survey, Associate Editor, Remote Sensing Applications: Society and Environment			
12:00	Lunch			
	Oral Session 1: Remote Sensing of Forest Structure and Function Room 3410 Chair: Dengsheng Lu	Oral Session 2: Day- and Night-Sensing of Urbanization Room 3411 Chair: Qiming Zhou	Oral Session 3: Land Deformation with SAR/InSAR Imagery Room 3412 Chair: Abduwasit Ghulam	Poster Session (I) Poster Hall Chair: Zhifeng Wu
14:00	Estimation of forest aboveground biomass using the integration of optical and microwave remote sensing , Linjing Zhang, Zhenfeng Shao and Zhiguo Wang, Wuhan University, CHINA	Monitoring urbanization dynamics in the Southeast U.S. using DMSP/OLS nighttime time series , Linlin Lu, Huadong Guo and Qingting Li, Institute of Remote Sensing and Digital Earth, CAS, CHINA	Using D-InSAR and Offset Tracking Technique to Monitor Mining Subsidence , Depin Ou, Kun Tan and Shiyong Yan, CUMT, CHINA	
14:20	The inversion of forest parameters based on airborne high resolution and hyperspectral data , Shen Xin and Cao Lin, Nanjing Forestry University, CHINA	Evaluation of the Correlation between Remotely Sensing-based and GIS-based Anthropogenic Heat Discharge in Los Angeles County, USA , Yuanfan Zheng and Qihao Weng, Indiana State University, USA	Recent deformation of Yangjiao fossil landslide (China) investigated with C-, L- and X-bands SAR images , Wu Zhu, Zhang Qin and Xiaoli Ding, Chang'an University, CHINA	
14:40	An phenological estimation method of saltcedar leaf area index for the Ejina area, China , Hao Peng, Wuhan University, CHINA	Urban expansion modes of major cities in China in the past four decades , Fang Liu, Zengxiang Zhang, Xiaoli Zhao and Lifeng Shi, Institute of Remote Sensing and Digital Earth, CAS, CHINA	Land subsidence prediction in Beijing based on InSAR and improved Gray-Markov model , Zeng Deng and Yinghai Ke, Capital Normal University, CHINA	
15:00	Retrieval of Chlorophyll Fluorescence by Modeling the Relative Peak Height of Apparent Reflectance at the Canopy Scale , Jiaochan Hu and Liangyun Liu, Institute of Remote Sensing and Digital Earth, CAS, CHINA	Recognizing Urban Functional Zones Based on Multi-Source Data , Yilun Liu, Jingli Wang, Chunhua Lao and Yueming Hu, South China Agricultural University, CHINA	SAR Image Simulation For Object's Features Analysis , Fan Wu, Chao Wang, Xiaoyang Wen, Hong Zhang and Bo Zhang, Institute of Remote Sensing and Digital Earth, CAS, CHINA	
15:20	Examining Spectral Reflectance Saturation in Landsat Imagery and Corresponding Solutions to Improve Forest Aboveground Biomass Estimation , Dengsheng Lu, Panpan Zhao and Guangxing Wang, Michigan State University, USA	Monitoring Annual Ecosystem Disturbance by Urbanization with Dense Landsat Time Series: a Case Study in the Pearl River Delta Region, China , Qingling Zhang, Xi Chen, Qiming Zhou, Jing Qian and Shuhong Peng, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, CHINA	Predictive monitoring of potential land collapses using multitemporal InSAR , Abduwasit Ghulam, Mark Grzovic, Maitiniyazi Maimaitijiang and Mamat Sawut, Saint Louis University, USA	
	Poster Session (I): Land Use, Land Cover, and Regional Environmental Changes Poster Hall Chair: Zhifeng Wu			
P1	Spatiotemporal changes of vegetation and their responses to temperature and precipitation in upper Shiyang river basin , Zhiguang Tang, Jinhui Ma and Chaokui Li, Hunan University of Science and Technology, CHINA			
P2	Seasonal variations of land surface temperature and its relationship to urban biophysical composition , Zhifeng Wu, Guanhua Guo, Xiaoqing Zhou and Yingbiao Chen, Guangzhou University, CHINA			
P3	Resilience assessment on coastal urban-water system and sponge city implications based on the impervious surface area , Lin Jingyu and Li Yangfan, Xiamen University, CHINA			

P4	Dynamic monitoring of the footprint and capacity for urban heat island in Beijing-Tianjin-Hebei Urban Agglomeration Area between 2003 and 2013 based on MODIS, Shen Zhang, Luo Liu and Yueming Hu, South China Agricultural University, CHINA																				
P5	Dynamic monitoring of land use and land cover change using remote sensing time-series data in Zigui, China, during 2008–2014, Tan Yumin, Bai Bingxin and Mohammad Masum Syed, Beihang University, CHINA																				
P6	Change Detection and Mitigation Techniques of Heat Island in Shenzhen Using High Resolution Remote Sensing Images, Jing Qian, Xi Chen, Shuhong Peng and Kawai Lueng, Shenzhen Institutes of Advanced Technology, CAS, CHINA																				
P7	Wildfire Danger Degree Assessment along High Voltage Power Line by satellite Remote Sensing: A Case study in Xianning, Hubei, China, Xiaozhi Zhang, Tao Li, Kan Xu, Zhiguo Chen, Xiaoming Chen and Ling Ruan, Wuhan University, CHINA																				
P8	Study on Spatial Data Processing and Analysis Based on a Variety of Surveying Sensors, Jiangfan Peng, Ming Guo, Guannan Wei, Chao Ji and Xingwang Shen, Beijing University of Civil Engineering and Architecture, CHINA																				
P9	Characteristics and Spatial-temporal Differences of Urban percent impervious surface in the Beijing-Tianjin-Tangshan, Cao Shisong and Hu Deyong, Capital Normal University, CHINA																				
P10	Correlation analysis between river water quality and land use pattern of Dongjiang River in Huizhou, Xulong Liu, Kaiwen Zhong, Caige Sun, Xiaojun Li and Wanxia Liu, Guangzhou Institute of Geography, CHINA																				
P11	The Research of Multispectral Remote Sensing Image Classification Based on Unmixing for the Loess Plateau, Kong Xiangbing, Yellow River Institute of Hydraulic Research, CHINA																				
P12	Linking Satellite, Ancient Map, and Survey Data to Study Inundation Risk in a Rapid Urbanization Area, the University Town of Fuzhou, Guangfa Lin and Wanli Huang, Fujian Normal University, CHINA																				
15:40	Coffee Break																				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%; text-align: center;">Oral Session 4: Remote Sensing for Agriculture Room 3410 Chair: Yuhong He</th> <th style="width: 25%; text-align: center;">Oral Session 5: Remote Sensing of Urban Heat Islands Room 3411 Chair: Zhenfeng Shao</th> <th style="width: 25%; text-align: center;">Oral Session 6: Object Based Image Analysis Room 3412 Chair: Yinghai Ke</th> <th style="width: 25%; text-align: center;">Poster Session (II) Poster Hall Chair: Yingchun Fu</th> </tr> </thead> <tbody> <tr> <td>16:00</td> <td>Green vegetation cover dynamics in a heterogeneous grassland: Spectral unmixing of Landsat time series, Yuhong He, Jian Yang and Bing Lu, University of Toronto, CANADA</td> <td>Spatio-Temporal Mapping and Monitoring Urban Heat Island Patterns over Sydney, Australia using MODIS and Landsat-8, Paras Sidiqi, Alfredo Huete and Rakesh Devadas, University of Technology Sydney, AUSTRALIA</td> <td>Object Detection in VHR Optical Remote Sensing Images via Learning Rotation-Invariant HOG Features, Gong Cheng, Peicheng Zhou, Xiwen Yao and Junwei Han, Northwestern Polytechnical University, CHINA</td> </tr> <tr> <td>16:20</td> <td>Classification methods based unmanned aerial vehicle multi-temporal digital imaging for field phenotyping of maize, Qi Zhang, Guijun Yang, Zhongbin Su, Xiaowei Teng and Weizheng Shen, National Engineering Research Center for Information Technology in Agriculture, CHINA</td> <td>Cool Island Effects of Urban Green Spaces in the Process of Urbanization: A Multi-temporal Study of Xiamen Island, Xiaofeng Zhao, Jiahui Liu and Lele Liu, Institute of Urban Environment, CAS, CHINA</td> <td>Segmentation of MSTAR images based on moment feature transformation and multiple thresholds, Ni Weiping, Northwest Institute of Nuclear Technology, CHINA</td> </tr> <tr> <td>16:40</td> <td>Vegetation indices track chlorophyll fluorescence parameters at the leaf and canopy 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17:20	Investigating spatial and temporal variations of species composition in a North American grassland using Unmanned Aerial Vehicles (UAV)-acquired imagery, Bing Lu and Yuhong He, University of Toronto Mississauga, CANADA	Enhancing the spatial resolution of satellite-derived land surface temperature using an operational trapezoid interpolation method, Kai Liu, Hongbo Su and Xueke Li, Florida Atlantic University, USA	
	Poster Session (II): Algorithms and Techniques Poster Hall Chair: Yingchun Fu		
P13	A Fast InSAR processing system based on DSP, Wang Chao, Zhengjia Zhang, Yixian Tang, Hong Zhang and Fulong Chen, Institute of Remote Sensing and Digital Earth, CAS, CHINA		
P14	Retrieval of Land Surface Temperature Using Uncalibrated Airborne Hyperspectral Thermal Imagery, Shiwei Li and Jason Yang, North University, CHINA		
P15	A Ship Target Automatic Recognition Method for Sub-meter Remote Sensing Images, Tong Shuai, Kang Sun, Benhui Shi and Jinyong Chen, The 54 institute of CETC, CHINA		
P16	Automatic extraction of disease information of painting and calligraphy based on hyperspectral technology, Yanping Tan and Miaole Hou, Beijing University of Civil Engineering and Architecture, CHINA		
P17	Pigment spectrum characteristics analysis of Polychrome cultural relics, Zhang Chenfeng and Hu Yungang, Beijing University of City Engineering and Architecture, CHINA		
P18	Pigment Identification in Cultural Relics by Reflectance spectroscopy, Yin Qinli and Lv Shuqiang, Beijing University of Civil Engineering and Architecture, CHINA		
P19	Hyperspectral imagery unmixing based on structure sparsity, Yuqian Wang, Haiqing He and Lian Zhao, East China University of Technology, CHINA		
P20	Simulation Research on High-resolution Atmospheric Effects on InSAR, Wang Xintian, Jin Guo Wang and Xiong Xin, The Information Engineering University, CHINA		
P21	The Construction Method of Measurable Aerial Panorama Based on Panoramic Image and Multi-view Oblique Images Matching, Datian Hu and Qingwu Hu, Wuhan University, CHINA		
P22	Selection strategy of classification methods for hyperspectral remote sensing data, Kun Shang and Yisong Xie, China Aero Geophysical Survey and Remote Sensing Center for Land and Resources, CHINA		
P23	Preliminary Research on Digital Watermarking for 3D Model of Cultural Relics, Lili Jiang and Miaole Hou, Beijing University of Civil Engineering and Architecture, CHINA		
P24	Primarily study on the application of SAM classification algorithm in seal of calligraphy and painting based on hyperspectral technology, Tan Li, Beijing University of Civil Engineering and Architecture, CHINA		
P25	Hyperspectral Image Block Compressed Sensing based on Effective Spectral Prediction, Ying Hou, Xi'an Univ. of Science and Technology, CHINA		
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19:00	Welcome Dinner		
20:00			