

July 6 (Wednesday)			
Registration (8:00 -11:00 AM)			
	Interactive Session 1: Remote Sensing of Environment Room 3410 Chair: Hiroyuki Miyazak	Interactive Session 2: Remote Sensing of Urban Areas, Urbanization, and Sustainability Room 3411 Chair: Hanqiu Xu	Interactive Session 3: High Spatial-Resolution Image Analysis Room 3412 Chair: Mattia Marconcini
8:00	Remote Sensing Monitoring Research for Coal Fire in Wuda Coal Mining Using ASTER Thermal Infrared Bands, Li Feng, Institute of Disaster Prevention, CHINA	Evaluating the Scale Effects of Impervious Surface Extraction using Optical and SAR Data, Ru Xu and Hongsheng Zhang, Chinese University of Hong Kong, CHINA	Semi-automatic Mapping of Large Shallow Landslides using High-resolution Remote Sensing Imagery, Hui Li, Linhai Jing, Liming Wang and Zhongchang Sun, Institute of Remote Sensing and Digital Earth, CAS, CHINA
8:10	A new soil moisture index from the simplified thermal inertial model for retrieving soil moisture contents, Zhenhua Liu and Yueming Hu, South China Agricultural 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, UNITED STATES	Winter Wheat Plant Area Monitoring using GF-1 WFV imagery, Jiong You, Zhiyuan Pei and Fei Wang, Chinese Academy of Agricultural Engineering, Ministry of Agriculture of China, CHINA
8:20	Effect characteristics of Chinese New Year fireworks/firecrackers on PM2.5 concentration in larger space and time scales from 2002-2015., Xuechen Zhang, Huanfeng Shen and Tongwen Li, Wuhan University, CHINA	Fusion of SAR image and optical image data to extract urban impervious surface, Huyan Fu, Zhenfeng Shao, Conghuan Tu and Qian Zhang, Wuhan University, CHINA	High resolution urban impervious surface coverage mapping and landscape ecological security pattern design towards 'Sponge City' transition, Lin Jiasheng and Li Yangfan, Xiamen University, CHINA
8:30	Dengue Spatiotemporal Diffusion Path and Risk Factor Identification, Weihong Li and Yebing Chen, South China Normal University, CHINA	Influence of Urban Expansion on Heat Islands in the City Cluster of Beijing-Tianjin-Hebei During 2003–2013, Yanan Fan, Luo Liu and Yueming Hu, South China Agricultural University, CHINA	Fine-scale Impervious surface extraction by fusing high resolution remote sensing images and vehicle digital measurable images, Zhenfeng Shao, Dewen Wu, Changzeng Tang and Yang Song, Wuhan University, CHINA
8:40	Mapping Aerodynamic Roughness Length With Multi-Source Remote Sensing Data, Deyong Hu, Capital Normal University, CHINA	Tracking Urban Expansion Using Time-Series Nighttime Light Images for City Clusters along the Middle Reaches of the Yangtze River, China, Yanhong Zou, Geng Liu and Haiquan Peng, Central South University, CHINA	Multiple Structural Feature Fusion with LDA Model for HSR Remote Sensing Imagery Scene Classification, Liu Yi, Zhu Ruixi, Yan Li, Zhao Zhan and Zhuang Ziqi, Wuhan university, CHINA
8:50	Landslide Susceptibility Assessment Using T-S Fuzzy Neural Network Model --A Case Study of Quanzhou District, Fujian Province, Yi-Min Lu, Ya-Qiong Wang and Ling Sheng, Spatial Information Research of Center of Fujian, Fuzhou University,, CHINA	A study on the quantitative relationship between impervious surface and land surface temperature based on remote sensing technology, Fei Tang and Hanqiu Xu, Island Research Center , State Oceanic Administration, CHINA	Vehicle Detection from Very-high-resolution Remote Sensing Images Considering Complicated Scenes, Mi Shu and Shihong Du, Peking University, CHINA
9:00	Evaluation of CMPA precipitation estimate in the evolution of typhoon-related storm rainfall in Guangdong, China, Dashan Wang and Xianwei Wang, Sun Yat-sen University, CHINA	Monitoring Of Land Surface Deformation In Beijing With Time-Series InSAR Technique Based On Multi_Band InSAR Data Using Radarsat-2 And Terrasar-X, Wanwan Zhang and Yinghai Ke, Capital Normal University, CHINA	Modeling on environmental quality evaluation for urban residential area by high resolution remote sensing classification informatics, Meichun Yan, Yuanchao Wang, Xiancong Zhang, Hui Li, Yuhui Yang and Yao Fang, Hohai University, CHINA

9:10	The Comparison of SVM and GA-BP Models for Prediction of Spatio-Temporal Diffusion of Dengue Fevers, Chen Yebin and Liweihong Liweihong, South China Normal University, CHINA	Rationality analysis of urban land urbanization in China from 1980s to 2010, Lifeng Shi, Zengxiang Zhang, Xiaoli Zhao and Fang Liu, Institute of Remote Sensing and Digital Earth, CAS, CHINA	An Improved DDV Algorithm to Retrieve AOT for GF-1 16m camera Imagery, Xianguang Xue, Yang Zhou, Jiwei Xu and Yuxuan Liu, Information Engineering University, CHINA
9:20	Landslide Monitoring and Disaster Assessment by Integrated Analysing Multi-Platform InSAR measurements, Rui Zhang, Guoxiang Liu, Xiaolong Zhao, Yunfan Song, Yueling Shi and Lanxin Huang, South China Agricultural University, CHINA	A study of urban heat island intensity based on “local climate zones”: A case study in Fuzhou, China, Zhongli Lin and Hanqiu Xu, Fuzhou University, CHINA	Assessment of the ecological carrying capacity based on high resolution data: a case study of Yuxian, China, Kailei Xu and Kun Tan, CUMT, CHINA
9:30	Coffee Break		
	Interactive Session 4: Remote Sensing of Costal Zones and Water Bodies Room 3410 Chair: Hongsheng Zhang	Interactive Session 5: Remote Sensing of Vegetation Room 3411 Chair: Guangxing Wang	Interactive Session 6: Advances in Earth Observation Techniques Room 3412 Chair: Xudong Zhu
10:00	Coastline Automatic Detection Based On High-resolution SAR Image, Ke Cao, Jianchao Fan, Xinxin Wang, Xiang Wang, Jianhua Zhao and Fengshou Zhang, National Marine Environment Monitoring Center, CHINA	Correlation analysis between vegetation fraction and vegetation indices in reclaimed forest: a case study in Pingshuo mining area, Yao Zhang and Wei Zhou, China University of Geosciences, CHINA	Fast Ship Detection from Optical Satellite Images Based On Ship Distribution Probability Analysis, Xiaoyang Xie, Qizhi Xu and Lei Hu, Beihang University, CHINA, CHINA
10:10	Application of HY-2A/SCAT Sea Surface Winds in Understanding Surface Wind Structure of Typhoons over Northwestern Pacific Ocean, Yong Zhao, Chaofang Zhao and Ruyao Sun, Ocean University of China, CHINA	The evaluation studies of paddy fields quality based on vegetation index of remote sensing, Jing Liao, Zhenhua Liu and Yueming Hu, South China Agricultural University, CHINA	The point feature algorithm based on grey value in the application of low altitude remote sensing image processing, Tan Yumin, Xiong Baowu, Jia Weinan and Shen Chao, Beihang University, CHINA
10:20	Remote Sensing Based Evaluation of Intensive Coastline Utilization: Tianjin Center Harbor, China, Lijuan Yang, Hanqiu Xu, Fei Tang, Wei Fu, Meiya Wang and Fengqin Sun, Fuzhou University, CHINA	Monitoring the Changes of Fractional Vegetation Coverage in Qinghai Province from 2013 to 2015, Ying-Kun Du, Qin Yan and Cheng-Feng Luo, Shandong agricultural university, CHINA	Application of UAV image emergency processing technology based on SfM for geological disaster, Yao Fushan, Lan Chanzhen, Liu Yuxuan, Lu Wanjie and Li Lin, The PLA Information Engineering University, CHINA
10:30	A Total suspended sediment retrieval model for multiple estuaries and coasts of south China by Landsat imagery, Chongyang Wang, Hao Jiang, Dan Li, Shuisen Chen and Danni Wang, Guangzhou Institute of Geography, CHINA	Estimation of crop biomass for various canopy components from reflectance spectra using chlorophyll and dry matter indices, Tao Cheng, Renzhong Song, Hengbiao Zheng, Xinqiang Deng, Xiang Zhou, Xia Yao, Yongchao Tian, Yan Zhu and Weixing Cao, Nanjing Agricultural University, CHINA	Three-dimensional reconstruction of the monomeric building in Datong based on oblique image, Yu Chen, Qing Xu, Chaozhen Lan, Qunshan Shi and Liang Lv, Information Engineering University, CHINA
10:40	Monitoring the changes of Lakes in the Source Region of Three Rivers with Remote Sensing Data from 1976 to 2013, Chengfeng Luo, Minghui Hao and Yonghua Li, Chinese Academy of Surveying and Mapping, CHINA	Severity Prediction Model of wheat stripe rust based on NDVI and Meteorological data, Xiaodong Yang, Chenwei Nie and Jingcheng Zhang, NERCITA, CHINA	Doppler Lidar Systems Developed for Middle and Upper Atmosphere Observation, Zhaoai Yan, Xiong Hu, Shangyong Guo, Yongqiang Cheng and Wenjie Guo, National Space Science Center, CAS, CHINA

10:50	The changing snow cover observed from an improved MODIS daily cloud-free snow cover product in the Amur River Basin, Northeast Asia, Xianwei Wang and Yuan Zhu, Sun Yat-sen University, CHINA	Monitoring Wheat Phenology Based on Time-series Remote Sensing Data, Ma Xue and Jia Min, Nanjing Agriculture University, CHINA	A Two-step Ionospheric Modeling Algorithm Considering Impact of GLONASS Pseudo-range Inter-channel Biases, Rui Zhang, Yibin Yao and Yueming Hu, South China Agricultural University, CHINA
11:00	The Spatial Correlation Analysis of GDP in Villages and Towns of Fujian Province Basing on Nighttime Light Data, Xin Zhan, Wenbin Pan, Peng Zheng and Yuanbin Cai, Fuzhou University, China, CHINA	Simulating and estimating green FPAR of forest canopy using the SAIL model, Shouzhen Liang, Shenzhen institutes of Advanced Technology, Chines Academy of Sciences, CHINA	The effect of the minimum noise fraction in extracting colored relics information using hyperspectral imagery, Pan Ning, Hou Miao-Le and Lv Shu-Qiang, China University of Mining and Technology, Beijing, CHINA
11:10		The prediction of LUCC based on GIS and RS in Qilian Mountain, Wang Haijun, Chengdu University of Technology, CHINA	Integrated atmospheric radiative correction based on spectral information in hyperspectral images, Anwei Liu, Liangyun Liu and Xinjie Liu, Institute of Remote Sensing and Digital Earth, CAS, CHINA
11:20		A service relation model for land cover change detection, Xing Huaqiao, Chen Jun, Wu Hao and Zhang Jun, China University of Mining and Technology (Beijing), CHINA	Using a Modified HUTS Algorithm to Downscale Land Surface Temperature Retrieved from Landsat-8 Imagery: A Case Study of Xiamen, China, Jieyu Chen, Feng Ding, Qinsheng Li, Wenfeng Wu, Pengyu Fan and Xin Zhang, Fujian Normal University, CHINA
11:30	Closing Session Room 3410 Chair: Paolo Gamba		
12:00	Lunch		