

2008 对地观测与遥感应用国际研讨会
*2008 International Workshop on
Earth Observation and Remote Sensing Applications*

*June 30 – 2 July, 2008
Beijing, China*

Foreword

We are delighted to present the exciting event of “2008 International Workshop on Earth Observation and Remote Sensing Applications”. The workshop organized by Key Laboratory of Mapping from Space, State Bureau of Surveying and Mapping, together with Center for Urban and Environmental Change, Indiana State University, Key Laboratory of Land Use of Ministry of Land and Resources, China Land Surveying and Planning Institute, takes place on June 30 - 2 July in Beijing, China.

Aiming to share the technical developments of land use and land cover mapping, remote sensing of urban and suburban areas, remote sensing of environment, new data and sensors, algorithms and techniques for detection, interpretation, characterization, and modeling of the Earth surface features, the international workshop has provided a platform to strengthen the relationships and promote technical cooperation among the researchers working in these fields and other disciplines of Remote Sensing.

We have received more than 150 paper submissions, representing 18 nations in the world. Earlier, an international team of review committee reviewed these submissions, and carefully selected 91 papers for the final program, 58 being presented orally and 33 being presented as posters. We would like to express our gratitude to the members of the local organizing committee, program committee and to all the reviewers and authors. Special thanks to the conference secretariat for their hard work for preparing the workshop.

Qihao WENG
Jixian ZHANG

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PROGRAM-3

Date: July 2, 2008 (Wednesday)		Venue: Room 1, Conference Hall, 3rd Floor, Holiday Inn
LULC 4: Agricultural Land Patterns and Dynamics		Time: 08:00 – 09:40
Chair: Peijun DU, China University of Mining and Technology, China		
Time	Activity	
08:00 – 08:20	Topic: A Research on the Fallow Land of Akesu Area Based on GIS and RS Speaker: Lijun Zuo Affiliation: Chinese Academy of Sciences, CHINA	
08:20 – 08:40	Topic: Characterizing Spatial Patterns of Cropland Phenology in China Based on Remotely Sensed Data Speaker: Wenbin WU Affiliation: University of Tokyo, JAPAN	
08:40 – 09:00	Topic: Estimation of Summer Paddy in Haryana (India) Using High Resolution Satellite Data Speaker: R. S. Hooda Affiliation: Haryana Space Applications Center, INDIA	
09:00 – 09:20	Topic: Winter Wheat Yield Forecasting Model with Normalized Near-infrared Spectral Index Using MODIS Speaker: Wenpeng LIN Affiliation: Shandong University, CHINA	
09:30 - 09:50	Coffee / Tea Break	

Date: July 2, 2008 (Wednesday)		Venue: Room 2, Conference Hall, 3rd Floor, Holiday Inn
URBAN 1: Urban Expansion		Time: 08:00 – 09:40
Chair: Hanqiu XU, Fuzhou University, China		
Time	Activity	
08:00 – 08:20	Topic: Remote Sensing of Urban Expansion and Heat Island Effect in Jinjiang Estuary Area of Fujian, China Speaker: Hanqiu XU Affiliation: Fuzhou University, CHINA	
08:20 – 08:40	Topic: Relationships Between Urban Heat Island Intensity and Land Use/cover Factors Based on Landsat ETM+ in Urban Agglomeration of Guangzhou, China Speaker: Yunpeng WANG Affiliation: South China Normal University, CHINA	
08:40 – 09:00	Topic: Spatial Analysis and Temporal Simulation of Landscape Patterns in Two Petroleum-oriented Cities Speaker: Junmei TANG Affiliation: University of Maryland at Baltimore County, USA	
09:30 - 09:50	Coffee / Tea Break	

Date: July 2, 2008 (Wednesday)		Venue: Room 1, Conference Hall, 3rd Floor, Holiday Inn
URBAN 2: Road Extraction		Time: 10:00 – 11:40
Chair: Uwe STILLA, Technische Universität München, Germany		
Time	Activity	
10:00 – 10:20	Topic: An Efficient Method for Extracting Road Lane Mark by Fusing Vehicle-based Stereo Image and Laser Range Data Speaker: Yun SHI Affiliation: University of Tokyo, JAPAN	
10:20 – 10:40	Topic: Vehicle Detection in High Resolution Satellite Images Speaker: Uwe STILLA Affiliation: Technische Universität München, GERMANY	
10:40 – 11:00	Topic: Road Extraction by Angular Texture Signature Speaker: Yong LIANG Affiliation: Shandong Agricultural University, CHINA	
11:30 - 12:30	Buffet Lunch	

2008 International Workshop on Earth Observation and Remote Sensing Applications

Date: July 2, 2008 (Wednesday)		Venue: Room 2, Conference Hall, 3rd Floor, Holiday Inn
SENSORS AND SYSTEMS		Time: 10:00 – 11:40
Chair: Hongjie XIE, University of Texas-San Antonio, USA		
Time	Activity	
10:00 – 10:20	Topic: MODIS Terra and Aqua Snow Cover Products, Validation, and Applications Speaker: Hongjie XIE Affiliation: University of Texas at San Antonio, USA	
10:20 – 10:40	Topic: Identification of Winter Wheat and Its Distribution Using the CBERS-02B Images in an Irrigation District along the Lower Yellow River, China Speaker: Nannan ZHANG Affiliation: Liaoning Technical University, CHINA	
10:40 – 11:00	Topic: Physically Based Estimation Soil Moisture from L-band Radiometer Speaker: Liang CHEN Affiliation: Chinese Academy of Sciences, CHINA	
11:00 – 11:20	Topic: Ground Truth Extraction from LiDAR Data for Image Orthorectification Speaker: Xiaoye LIU Affiliation: University of Southern Queensland, Australia	
11:30 – 12:30	Buffet Lunch	

Date: July 2, 2008 (Wednesday)		Venue: Conference Hall, 3rd Floor, Holiday Inn
		Poster Session III: Environment
		Time: 08:00 – 12:00
1	Topic: Ecological Change of the Source Region of Three Rivers during Last 30 Years Based on Satellite and Ground Observations Presenter: Wenjiang ZHANG Affiliation: Sichuan University, CHINA	
2	Topic: Interpretation of Landslide from SPOT-5 Imageries in the Three Gorges Reservoir Area Presenter: Changyan CHI Affiliation: Chinese Academy of Surveying and Mapping, CHINA	
3	Topic: Detection of Suitable Soils for Zero-till Wheat Cultivation in Gujranwala District Pakistan Using GIS Presenter: Engr. Faheem iqbal Affiliation: National University of Sciences and Technology Pakistan, PAKISTAN	
4	Topic: Monitoring of Suspended Substance Concentration in Three Gorges Dam Based on the Bio-optical Model Presenter: Liya GAI Affiliation: Chinese Academy of Surveying and Mapping, CHINA	
5	Topic: The research on the environment along the Great Wall in Ningxia and Shanxi Province by remote sensing Presenter: Lanwei ZHU Affiliation: Chinese Academy of Sciences, CHINA	
6	Topic: Glacier Extraction Based on ASTER Data Presenter: Jinliang LIU Affiliation: Shandong University of Science and Technology, CHINA	
7	Topic: Hyperspectral Analysis of Leaf Copper Accumulation in Agronomic Crop Based on Artificial Neural Network Presenter: Huiping LIANG Affiliation: China University of Geosciences, CHINA	
8	Topic: Inversion and Validation of Leaf Area Index Based on CBERS02B Image Data in Guangxi Province Presenter: Jiali WU Affiliation: Chinese Academy of Sciences, CHINA	
9	Topic: Remote Sensing Methodology for the Estimation of Methane Emissions from Chinese Lakes Presenter: Federico BREDA Affiliation: Via San Nazaro, 19, 16145 Genova, ITALY	
10	Topic: Regional Eco-environmental Spatial Analysis and Comprehensive Evaluation Based on GIS and RS: A Case Study in Zhangjiajie, China Presenter: Li XU Affiliation: Taishan University, CHINA	

Full Papers Index

Breda Federico, Cremonini Marco, Gao Jixi, Huguenin Robert, Martinelli Massimo, Ren Yanming, Scalas Patrizia, Torriano Luigi

Remote Sensing Methodology for the Estimation of Methane Emissions from Chinese Lakes01

Cai Yulin, GUO Zhifeng, Yang Li

A macro hydrologic model simulation based on remote sensing data02

Changyan CHI, Zhengjun LIU, Jixian ZHANG

Interpretation of Landslide from SPOT-5 Imageries in the Three Gorges Reservoir Area03

DongMei Chen, Jamie FitzGibbon

COMPARISON OF SEASONAL CHANGE DETECTION FROM MULTI-TEMPORAL MODIS AND TM IMAGES IN SOUTHERN ONTARIO04

Liang Chen, Jiancheng Shi, Lingmei Jiang

Physically Based Estimation Soil Moisture from L-band Radiometer05

Cui Linli, Shi Jun, Tang Ping, Du Huaqiang

The comparison study on the pixel-based and object-oriented methods of land-use/cover classification with TM data06

Shiyong Cui, Qin Yan, Zhengjun Liu

Right-Angle Building Extraction Based on Graphsearch Algorithm07

Jingjing Dong, Zheng Niu

Comparison of Reflectance between MODIS Image and Simulation Using Radiation Transfer Model08

Dong Tingting, Miao Jiang, Fengkui Qian, Zengxiang Zhang

Researching on extracting irrigated land in northern China based on MODIS data09

Du H Q, Ge H L, Liu E B, Xu W B, Jin W, Fan W Y

A new Classifier for Remote Sensing Data Classification: Partial Least-Squares10

Du Peijun, Yan Luo, Wen Cao and Huapeng Zhang

A comparison and evaluation of four vegetation analysis approaches based on remote sensing imagery11

Faheem Iqbal, Mohammed Raza Mehdi

Detection of Suitable Soils for Zero-Till Wheat Cultivation in Pakistan using GITs12

Fu Anmin, Guoqing Sun, Zhifeng Guo, Dianzhong Wang

FOREST COVER CLASSIFICATION FROM MODIS IMAGES IN NORTHEASTERN ASIA13

Li-ya Gai, Zheng-jun Liu, Ji-xian Zhang

Monitoring of Suspended Substance Concentration in Three Gorges Dam Based on the Semi-analytical Model14

Hongli Ge, Wei Jin and Huaqiang Du

Automatic Extraction of Bursaphelenchus xylophilus-induced Sporadic Death Trees on Unmanned Airborne Digital Photographs15

Wenyu Gong, Jixian Zhang, Yonghong Zhang

Detecting Ground Deformation with Permanent Scatterer of Suzhou Region16

Jian GUO, Jixian ZHANG, Yonghong ZHANG, Yinxuan CAO

Study on the Comparison of the Land Cover Classification for Multitemporal MODIS Images17

S.S.Han, H.T.Li, H.Y.Gu

The Study of Land Use Change Detection Based on Object-Oriented Analysis18

Hooda, R.S., Yadav, M., Sharma, M.P. and Prawasi, R.

Estimation of Summer Paddy in Haryana (India) using high resolution satellite data19

Ying Hou, Guizhong Liu

Hyperspectral Image Lossy-to-Lossless Compression Using the 3D Embedded ZeroBlock Coding Alogrithm20

Jianbo Hu, Wei Chen, Xiaoyu Li, Xingyuan He

Roof confusion removal for accurate vegetation extraction in the urban environment21

Yunfeng Hu, Yifang Ban, Qian Zhang, Xueyan Zhang, Jiyuan Liu, Dafang Zhuang Spatial–Temporal Pattern of GIMMS NDVI and Its Dynamics in Mongolian Plateau	22
N. Jiang, J.X. Zhang, H.T. Li, X.G. Lin Semi-Automatic Building Extraction from High Resolution Imagery Based on Segmentation	23
Huiping Liang, Xiangnan Liu Hyperspectral analysis of leaf copper accumulation in agronomic crop based on artificial neural network	24
X. Liang, P. Litkey, J. Hyyppä, A. Kukko, H. Kaartinen, M. Holopainen Plot-level trunk detection and reconstruction using one-scan-mode terrestrial laser scanning data	25
Yong Liang, Jing Shen, Xiangguo Lin, Junfang Bi, Ying Li Road tracking by Parallel Angular Texture Signature	26
H. T. Li, H.Y. Gu, Y. S. Han, J. H. Yang Object-oriented Classification of Polarimetric SAR Imagery based on Statistical Region Merging and Support Vector Machine	27
LIN Wenpeng, ZHAO Min, LIU Yunlong, GAO Jun, WANG Chenli Winter Wheat Yield Estimation Model with MODIS Normalized Near-infrared Spectral Index	28
Xiangguo Lin, Jixian Zhang, Zhengjun Liu, Jing Shen Integration method of profile matching and template matching for road extraction from high resolution remotely sensed imagery	29
LIU Aixia, Wang Jing, LIU Zhengjun Assessing the Effects of Land Use Changes on Soil Erosion in Three Gorges Reservoir Region of China	30
Jin Liang Liu, Ying Li The glacier extraction based on ASTER data	31
Xiaoye Liu, Zhenyu Zhang	

Ground Truth Extraction from LiDAR Data for Image Orthorectification	32
Zhengjun Liu, Shiyong Cui, Qin Yan	
Building Extraction from High Resolution Satellite Imagery Based on Multi-scale Image Segmentation and Model Matching imagery	33
Fengyun Mu, Zengxiang Zhang	
A Comparative Study of Urban Expansion on Hong Kong and Macao Special Administrative Region in the past three decades	34
Shen Qian, Wu Chuanqing, Zhang Bing, Li Junsheng	
Retrieval of Chlorophyll-a and suspended matter concentration in water supply sources of Wuxi and Suzhou using multi-spectral remote sensing images	35
Y. Shi, R. Shibasaki, Z.C. Shi	
An Efficient Method for Extracting Road Lane Mark by Fusing Vehicle-based Stereo Image and Laser Range Data	36
Jian Tan, XiangTao Fan, JunJie Zhu, XiaoPing Du, Weibing Wang, Zhaoming Zhong, Chaoji Ma	
Research on Geographical information synchronizing in GRID-GIS	37
Xiaohua TONG, Shijie LIU	
Bias-corrected RPCs for QuickBird Stereo Satellite Imagery: A Case Study in Shanghai	38
WANG Changyao, DU Zitao, LIU Zhengjun, LIU Yonghong	
Study on Decision Tree Land Cover Classification Based on MODIS Data	39
Jing Wang, Yuhuan Li, Yongqi Chen, Ting He, Chunyan Lv	
Hyperspectral Degraded Soil Line Index and soil degradation Mapping in Agriculture-pasture Mixed Area in Northern China	40
Wang Jinshu, Li Guicai, Liu Yujie, Cao Guangzhen	
The Spatial Characteristic of Land Surface Temperature in Beijing Area	41
WANG Lin, XU Han-qiu	
Study on the Information Extraction of Evapo-transpiration and Its Relation with the Urban Heat Island and Urban Expansion in Fuzhou City with Its Surrounding Areas of SE China	42

WANG Ping, JIA Wei-jie, ZHANG Ji-xian, LIN Zong-jian A Study on Decision Tree Classification Method of Land Use/Land Cover----Taking three counties in Hebei Province as an example	43
Wang Pu, Kong Fanming, Ding Huiyan, Zhao Liuhui, Nie Jianliang A Comparison between Different Vegetation Water Indices in the Ability of Monitoring Water Status of Wheat in April	44
Qingke Wen, Zengxiang Zhang, Shuo Liu, Wei Qiao Classification of Grassland Types in Tibet by MODIS Time-series Images	45
Man Sing WONG, Wai Yeung YAN Investigation of Diversity and Accuracy in Ensemble of Classifiers using Bayesian Decision Rules	46
D.W. Wu, X.L. Zhang, H.Y. Mao, H. Wu Socio-economic Driving Forces of Land-use Change in Fuzhou, the Southeastern Coastal Area of China	47
Wenbin Wu, Ryosuke Shibasaki, Peng Yang, Qingbo Zhou, Huajun Tang Characterizing spatial patterns of phenology in China' s cropland based on remotely sensed data	48
Hanqiu Xu Remote Sensing of Urban Expansion and Heat Island Effect in Jinjiang Estuary Area of Fujian, China	49
Jingjing Xu, Bo Liu, Jinguo Yuan, Changyao Wang Inversion of Precipitable Water Vapor in Hongkong	50
Limin Yang United States National Land Cover Data Base Development 1992-2001 and Beyond	51
Wu-Nian Yang, Ji Jian, Yu-Xia Li, Xin-Nan Wan, Li Peng, Han-Hu Liu, Huai-Yong Shao, Xiao-Ai Dai, Tao Zeng and Xue-Ming Wu Remote Sensing Inversion of Eco-water Resource Quantity	52
Jinguo Yuan, Zheng Niu	

Evaluation of Atmospheric Correction Using FLAASH	53
Linshan Yuan, Peijun Du, Guangli Li and Huapeng Zhang	
Land cover classification in mining areas using Beijing-1 small satellite data	54
X. J. Yue, G. M. Huang	
Multi-photo Combined Adjustment with Airborne SAR Images Based on a Few Ground Control Points	55
Jinqu Zhang, Yunpeng Wang	
Relationships between urban heat island intensity and land use/cover factors based on Landsat ETM+ in urban agglomeration of Guangdong, China	56
ZHANG Li, ZHANG JiXian, CHEN XiangYang	
Block-adjustment with Sparse GCPs and SPOT-5 HRS Imagery For the Project of West China Topographic Mapping at 1:50,000 Scale	57
ZHANG Li, ZHANG Jixian, Li XueYou, Wang ShaoCheng	
Multi-Image Matching for DTM Generation from SPOT-5 HRS/HRG Imagery For the Project of West China Topographic Mapping at 1:50,000 Scale	58
NANNAN ZHANG, YI LUO, CHONGCHANG WANG	
Identification of Winter Wheat and Its Distribution Using the CBERS-02B Images in An Irrigation District along the Lower Yellow River, China	59
Wenjiang ZHANG, Junfeng CHEN, Jian PENG	
Ecological change of the Source Region of Three Rivers during last 30 years based on satellite and ground observations	60
X. Zhang Y. Zhu H. A J. Yao	
Measurement and Pattern Analysis of Urban Sprawl Using Remote Sensing and GIS-A Case Study of Wujiang, China (1978-2004)	61
Lijun Zuo, Zengxiang Zhang, Fuxing Zhang	
A research on the fallow land of Akesu area based on GIS and RS	62
H. T. Li, H. Y. Gu, Y. S. Han, J. H. Yang	

An efficient multi-scale segmentation for high-resolution remote sensing imagery based on statistical region merging and minimum heterogeneity rule63

Lanwei ZHU, Huadong GUO, Changlin WANG

The research on environmental change alongside the Ming Great Wall in Ningxia and Shanxi Province by remote sensing64

Man Sing WONG, Janet NICHOL

Retrieval of Aerosol Optical Thickness using MODIS 500*500m², a study in Hong Kong and Pearl River Delta region65

Wu Jiali, Gu Xingfa, Yu Tao, Meng Qingyan, Chen Liangfu, Li Li, Gao Hailiang, Wu Shangjun

Inversion and Validation leaf area index based on CBERDS02B image data in GuangXi province of China66

Junming Wang, Ted. W. Sammis, Vince. P. Gutschick

A Remote Sensing Model Estimating Water Body Evaporation67