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Jie Ma
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Contents

- ix *Conference Committee*
- xi *Introduction*

REMOTE SENSING IMAGE PROCESSING, GEOGRAPHIC INFORMATION SYSTEMS

- 8921 02 **Alteration mineral mapping for iron prospecting using ETM+ data, Tonkolili iron field, northern Sierra Leone** [8921-48]
L. R. Mansaray, L. Liu, J. Zhou, Z. Ma, Chang'an Univ. (China)
- 8921 03 **The research on the shadow detection from high resolution remote sensing imagery** [8921-21]
Z. Chen, H. Zhou, T. Deng, S. Luo, Huazhong Univ. of Science and Technology (China)
- 8921 04 **A cloud detection algorithm using edge detection and information entropy over urban area** [8921-68]
H. Zheng, T. Wen, Z. Li, BeiHang Univ. (China)
- 8921 05 **Automatic generalization of map polygon resident in digital environment** [8921-33]
Q. A. Tran, H. Fan, Wuhan Univ. (China)
- 8921 06 **Marine oil pollution detection with MODIS data** [8921-6]
L. Xu, China Univ. of Geosciences (China) and Wuhan Univ. (China); R. Niu, K. Xiao, China Univ. of Geosciences (China); S. Fang, Wuhan Univ. (China); Y. Dong, China Earthquake Administration (China)
- 8921 07 **Forest tree species classification based on airborne hyper-spectral imagery** [8921-14]
Y. Dian, Huazhong Agricultural Univ. (China) and Chinese Academy of Forestry (China); Z. Li, Y. Pang, Chinese Academy of Forestry (China)
- 8921 08 **Retrieval of lake water temperature based on Landsat TM imagery: A case study in East Lake of Wuhan** [8921-49]
B. Cao, Huazhong Univ. of Science and Technology (China) and Changjiang River Scientific Research Institute (China); L. Kang, S. Yang, Huazhong Univ. of Science and Technology (China)
- 8921 09 **New navigation algorithm based on the entropy image** [8921-55]
Y. Liu, J. Liu, Q. Liu, Huazhong Univ. of Science and Technology (China)
- 8921 0A **Laboratory geometric calibration of non-metric digital camera** [8921-60]
F. Yuan, W. Qi, A. Fang, P. Ding, X. Yu, Chinese Academy of Surveying and Mapping (China)

- 8921 0B **Hyperspectral remote sensing classification based on SVM with end-member extraction** [8921-36]
X. Ma, W. Yan, H. Bian, B. Sun, P. Wang, Northwest Institute of Nuclear Technology (China)
- 8921 0C **Study of radiometric calibration methods on a compact novel imaging guided FTIR spectrometer** [8921-41]
X. Dai, X. Liu, P. Gao, X. He, Huazhong Univ. of Science and Technology (China)
- 8921 0D **Bio-inspired anomaly target detection of multi-spectral remote sensing data** [8921-34]
M. Li, X. Zhang, X. Fan, Z. Zhang, Hohai Univ. (China)
- 8921 0E **Segmentation and classification of PolSAR data using spectral graph partitioning** [8921-28]
L. Zhao, E. Chen, Chinese Academy of Forestry (China)
- 8921 0F **Ship detection from optical satellite image using optical flow and saliency** [8921-25]
C. Deng, Z. Cao, Z. Fang, Z. Yu, Huazhong Univ. of Science and Technology (China)
- 8921 0G **Cloud detection based on decision tree over Tibetan Plateau with MODIS data** [8921-7]
L. Xu, China Univ. of Geosciences (China) and Wuhan Univ. (China); R. Niu, China Univ. of Geosciences (China); S. Fang, Wuhan Univ. (China); Y. Dong, China Earthquake Administration (China)
- 8921 0H **Dynamic monitoring and driving power analysis of LUCC based on remote sensing in Beijing in recent thirty years** [8921-10]
X. Gu, W. Guo, Y. Dong, Y. Wang, National Engineering Research Ctr. for Information Technology in Agriculture (China)
- 8921 0I **Data fusion of sea surface wind speed from multisatellite altimeters** [8921-45]
Y. Xu, J. Yang, G. Xu, X. Chen, L. Ren, The Second Institute of Oceanography, SOA (China)
- 8921 0J **Predictive assessment on loss caused by dam break based on GIS** [8921-58]
S. Yang, J. Ning, B. Cao, B. Li, Changjiang River Scientific Research Institute (China)
- 8921 0K **Dynamic analysis on urban land development based on remote sensing image and GIS technology** [8921-62]
X. Li, Z. Xu, Huazhong Univ. of Science and Technology (China)
- 8921 0L **Fusion of SAR and MODIS images for oceanic internal waves tracking in the South China Sea** [8921-70]
B. Liu, H. Yang, X. Ding, Shanghai Ocean Univ. (China); Z. Zhao, Univ. of Washington (United States); X. Li, National Oceanic and Atmospheric Administration (United States)
- 8921 0M **Land use change prediction of Wuhan City: a Markov-Monte Carlo approach** [8921-2]
H. Xia, Hubei Univ. (China); C. Zheng, Jiaying Univ. (China); H. Liu, Hubei Univ. (China)
- 8921 0N **Cloud and shadow detection and removal for Landsat-8 data** [8921-26]
X. Kong, Ludong Univ. (China); Y. Qian, Academy of Opto-Electronics (China); A. Zhang, Ludong Univ. (China)

- 8921 0O **Object-based analysis for forest inventory** [8921-27]
L. Wang, Chinese Academy of Forestry (China) and Xi'an Univ. of Science and Technology (China); E. Chen, Z. Li, Chinese Academy of Forestry (China); W. Yao, Xi'an Univ. of Science and Technology (China); S. Li, Chinese Academy of Forestry (China)
- 8921 0P **Quantitative assessment of soil erosion in Shanchonghe watershed supported by RS and GIS** [8921-42]
Y. Zhu, R. Kuang, Jiangxi Univ. of Science and Technology (China)
- 8921 0Q **Remote sensing image fusion based on Gaussian mixture model and multiresolution analysis** [8921-43]
M. Xiao, Hubei Univ. of Education (China); Z. He, Wuhan Univ. (China)
- 8921 0R **The stepwise discriminant algorithm for snow cover mapping based on FY-3/MERSI data** [8921-46]
T. Han, China Meteorological Administration (China); D. Wang, Y. Jiang, X. Wang, Xibei Regional Climate Ctr. (China)
- 8921 0S **Classification of high resolution remote sensing image based on geo-ontology and conditional random fields** [8921-63]
L. Hong, Central South Univ. (China) and Yunnan Normal Univ. (China)
- 8921 0T **Remote sensing image classification based on random projection super-pixel segmentation** [8921-64]
J. Liu, W. Yang, Huazhong Univ. of Science and Technology (China); S. Tan, Wuhan Univ. (China); Z. Wang, Huazhong Univ. of Science and Technology (China)
- 8921 0U **A novel SAR image precise-matching method based on SIFT algorithm** [8921-57]
W. Yan, B. Li, D. Yang, J. Tian, Huazhong Univ. of Science and Technology (China); Q. Yu, Wuhan Geomatics Institute (China)
- 8921 0V **Adaptive aircraft detection based on level set and circle-frequency filter** [8921-15]
Y. Zhu, J. Ma, S. Qi, W. Yu, S. Liu, J. Tian, Huazhong Univ. of Science and Technology (China); W. Fu, China Aerospace Science & Industry Corp. (China)
- 8921 0W **A object-oriented glacier mapping method based on multi-temporal Landsat images** [8921-22]
J. L. Li, A. M. Bao, Xinjiang Institute of Ecology and Geography (China); Q. T. Huang, Institute of Remote Sensing and Digital Earth (China)

OTHER APPLICATIONS

- 8921 0X **The path planning of UAV based on orthogonal particle swarm optimization** [8921-103]
X. Liu, Jiangsu Automation Research Institute (China); H. Wei, C. Zhou, Huazhong Univ. of Science and Technology (China); S. Li, Jiangsu Automation Research Institute (China)
- 8921 0Y **Study on risk warning model of snow disaster in pastoral area of northern China** [8921-122]
Y. Cui, L. Wang, P. Wang, J. Nie, W. Zhang, H. Huang, National Disaster Reduction Ctr. of China (China)

- 8921 0Z **An image-based approach for automatic detecting tasseling stage of maize using spatio-temporal saliency** [8921-113]
M. Ye, Z. Cao, Z. Yu, Huazhong Univ. of Science and Technology (China)
- 8921 10 **An image-based approach for automatic detecting five true-leaves stage of cotton** [8921-114]
Y. Li, Z. Cao, Huazhong Univ. of Science and Technology (China); X. Wu, Microstrategy China Technology Ctr. (China); Z. Yu, Y. Wang, X. Bai, Huazhong Univ. of Science and Technology (China)
- 8921 11 **Application of HJ-1A/B and ZY-3 remote sensing data for drought monitoring in Hubei Province China** [8921-120]
H. Huang, Y. Fan, S. Yang, Q. Wen, D. Pan, C. Fan, H. He, National Disaster Reduction Ctr. of China (China) and Satellite Disaster Reduction Application Ctr. of China (China)
- 8921 12 **Automatic camera calibration method based on dashed lines** [8921-129]
X. Li, G. Wang, J. Liu, Huazhong Univ. of Science and Technology (China)
- 8921 13 **Land use information extraction and spatio-temporal variation analysis of Poyang Lake Basin based on remote sensing** [8921-170]
H. Liu, H. Xia, B. Zhou, Hubei Univ. (China)
- 8921 14 **Design and analysis of metamaterials for the continuous wave terahertz laser** [8921-161]
J. Luo, H. Ji, X. Zhang, H. Sang, Huazhong Univ. of Science and Technology (China) and Huazhong Agricultural Univ. (China); C. Xie, Huazhong Univ. of Science and Technology (China)
- 8921 15 **A novel backward elimination algorithm for construction of RBF neural networks** [8921-107]
P. Zhou, Huazhong Univ. of Science and Technology (China); Z. Yang, Wuhan Research Institute of Posts and Telecommunications (China)
- 8921 16 **Modularized reconfigurable system for target recognition with multi-DSP processing** [8921-109]
Y. Li, Huazhong Univ. of Science and Technology (China); H. Li, Routon Electronic Co., Ltd (China); X. Xie, Huazhong Univ. of Science and Technology (China)
- 8921 17 **A new algorithm for license plate localization in open environment using color pair and stroke width features of character** [8921-115]
J. Tian, R. Wang, G. Wang, F. Yang, Huazhong Univ. of Science and Technology (China)
- 8921 18 **Communication system of the smart grid based on partial reconfiguration technology** [8921-118]
T. Xie, Z. Chen, Huazhong Univ. of Science and Technology (China); Y. Liu, Beijing Tongzhou Power Supply Co. (China)
- 8921 19 **Research and design of drought remote sensing monitoring system based on the ArcGIS Geoprocessing** [8921-121]
Y. Xu, Southwest Univ. (China); S. Yang, Y. Gao, Chongqing Institute of Meteorological Science (China)

- 8921 1A **The design and implement of a 3-in-1 SOC for fiber module applications** [8921-123]
L. Zou, Huazhong Univ. of Science and Technology (China); K. Luo, WuHan Trimode Technology Inc. (China)
- 8921 1B **Aided position method based on gravity gradient full tensor fusion matching** [8921-125]
L. Xiao, K. Chen, B. Dan, L. Xiong, Wuhan Univ. of Science and Technology (China); J. Ma, Huazhong Univ. of Science and Technology (China)
- 8921 1C **A study of drought monitoring in Loess Plateau, China based on FY-3A/MERSI data** [8921-131]
Y. Jiang, China Meteorological Administration (China) and Northwest Regional Climate Ctr. (China); H. Tao, Northwest Regional Climate Ctr. (China); W. Liu, China Meteorological Administration (China); X. Wang, Northwest Regional Climate Ctr. (China)
- 8921 1D **Design of a hand-shape acquisition and recognition system based on DSP** [8921-133]
W. Li, Jilin Univ. (China) and Baicheng Normal Univ. (China); F. Liu, L. Gao, Jilin Univ. (China)
- 8921 1E **Research on text encryption and hiding method with double-random phase-encoding** [8921-135]
H. Xu, N. Sang, Huazhong Univ. of Science and Technology (China)
- 8921 1F **Image sharpening method based on anti-heat conduction equation and Sobel operator** [8921-146]
E. Zhao, L. Sun, C. Wang, X. Xia, Shenyang Jianzhu Univ. (China)
- 8921 1G **A HWMSE for clue detection: the system design and main technologies** [8921-151]
H. Zhang, Huazhong Univ. of Science and Technology (China) and Chinese People's Public Security Univ. (China); D. Li, Huazhong Univ. of Science and Technology (China); X. Zhao, Chinese People's Public Security Univ. (China); S. Chen, Wuhan Univ. (China)
- 8921 1H **Natural disaster reduction applications of the Chinese small satellite constellation for environment and disaster monitoring and forecasting** [8921-152]
S. Liu, Y. Fan, National Disaster Reduction Ctr. of China (China); M. Gao, Chinese Academy of Agricultural Sciences (China)
- 8921 1I **Monitoring and assessment on radiometric stability of HJ-1A CCD using MODIS data** [8921-136]
G. Chen, Dalian Maritime Univ. (China); Z. Chen, Institute of Remote Sensing and Digital Earth (China); L. Ma, Dalian Maritime Univ. (China); H. Zhang, Institute of Remote Sensing and Digital Earth (China)
- 8921 1J **Dot distribution type of grayscale mask and colorscale photomask for fabrication diffractive and refractive microlens arrays** [8921-155]
Q. Tang, Huazhong Institute of Electro-Optics (China)
- 8921 1K **Building vulnerability assessment based on cloud model** [8921-169]
X. Sun, C. Cai, Huazhong Univ. of Science and Technology (China)
- 8921 1L **A method for detection of foreign body in cotton based on threshold segment** [8921-156]
T. Sha, Nanjing Univ. of Science and Technology (China); T. Xie, China Electronics Technology Information Industry Corp. (China); M. Wang, C. Yang, Nanjing Univ. of Science and Technology (China)

- 8921 1M **Trends in vegetation change under different karst terrain conditions, southwest China**
[8921-143]
X. Tong, Institute of Subtropical Agriculture (China) and Univ. of Chinese Academy of Sciences (China); K. Wang, Y. Yue, Institute of Subtropical Agriculture (China); C. Liao, Institute of Subtropical Agriculture (China) and Univ. of Chinese Academy of Sciences (China)
- 8921 1N **A new adaptive algorithm for image denoising based on curvelet transform** [8921-153]
M. Chen, Z. Cai, Quanzhou Normal Univ. (China)
- 8921 1O **Design and implementation of multispectral Image processing system based on VC++**
[8921-147]
L. Du, Inner Mongolia Univ. (China) and Beijing Univ. of Post and Telecommunication (China); Z. Wang, X. Ge, Inner Mongolia Univ. (China)

Author Index

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Introduction

Welcome to the Eighth Symposium on Multispectral Image Processing and Pattern Recognition (MIPPR) in the city of Wuhan, China.

The MIPPR symposium has a broad charter. Multispectral is interpreted not just multiple-wavelength in a narrow sense, but also multi-sensor, multi-modal and multimedia. 'Multispectral' covers many disciplines such as sensing, image processing, computer vision, pattern recognition, and involves the development of efficient processing algorithms and their optimization and implementation. The wide range of applications considered in this symposium includes automatic target recognition, autonomous navigation, medical image processing, remote sensing, geographic information systems, biometrics, and many others.

The MIPPR symposium provided a forum for scientists and engineers from universities and government laboratories to meet and exchange ideas. We expect that there were ample discussions both inside and outside the lecture halls, and that MIPPR 2013 was viewed as an exciting meeting.

In response to the Call for Papers, we received 399 submissions. Based on the reviews provided by an excellent program committee we accepted 226 papers covering many aspects of multispectral image processing and pattern recognition. The proceedings of the MIPPR symposium consists of 5 volumes:

- Multispectral Image Acquisition, Processing and Analysis (SPIE Volume 8917)
- Automatic Target Recognition and Navigation (SPIE Volume 8918)
- Pattern Recognition and Computer Vision (SPIE Volume 8919)
- Parallel Processing of Images and Optimization and Medical Imaging Processing (SPIE Volume 8920)
- Remote Sensing Image Processing, Geographic Information Systems, and Other Applications (SPIE Volume 8921)

The realization of a conference depends upon the hard work of many dedicated people. We thank all the members of the organizing committee for putting together this Symposium for the benefit of all the researchers, and for making this conference a success. We hope the papers and the research results presented at MIPPR 2013 will inspire new research in all the areas related to multispectral image processing and pattern recognition.

Bir Bhanu

