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Ulrich Michel
Daniel L. Civco
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Contents

- ix *Conference Committee*
xi *Introduction*

PROCESSING METHODOLOGIES

- 7831 02 **Identification of quarry area based on CHRIS/Proba data** [7831-01]
V. Tsagaris, N. Sabatakakis, Univ. of Patras (Greece)
- 7831 04 **Ameliorating the spatial resolution of GeoEye data** [7831-40]
K. G. Nikolakopoulos, Institute of Geology & Mineral Exploration (Greece); A. D. Vaiopoulos, Univ. of Athens (Greece); P. I. Tsombos, Institute of Geology & Mineral Exploration (Greece)
- 7831 05 **Statistical convex partitioning for endmember extraction** [7831-03]
S. Asadzadeh, Amirkabir Univ. of Technology (Iran, Islamic Republic of)
- 7831 06 **Integrated use of Hyperion and ASTER data for alteration mapping** [7831-04]
M. M. Oskoueï, Sahand Univ. of Technology (Iran, Islamic Republic of)

INFRASTRUCTURES AND URBAN AREAS I

- 7831 07 **Integration of airborne laser scanner and multi-image techniques for map production** [7831-08]
A. Lingua, F. Nex, F. Rinaudo, Politecnico di Torino (Italy)
- 7831 08 **Towards automation of building damage detection using WorldView-2 satellite image: the case of the Haiti earthquake** [7831-06]
T. Guo, Y. Kazama, Hitachi, Ltd. (Japan)

HAZARDS MITIGATION GEOLOGIC APPLICATION

- 7831 0C **Classification of geological mapping features using satellite remote sensing and in-situ spectroradiometric measurements over Cyprus** [7831-10]
D. G. Hadjimitsis, C. Achilleos, K. Themistocleous, A. Agapiou, Cyprus Univ. of Technology (Cyprus); S. Perdikou, Frederick Univ. (Cyprus)
- 7831 0D **Differentiation of Neotethyan ophiolitic mélange and an approach revealing its surficial chromite deposits using ASTER image and spectral measurements (Sivas, Turkey)** [7831-11]
K. Ş. Kavak, Y. Töre, H. Temiz, Cumhuriyet Univ. (Turkey); O. Parlak, Çukurova Univ. (Turkey); H. Çığla, M. Yakan, Cumhuriyet Univ. (Turkey)

SENSORS AND PLATFORMS

- 7831 OE **New architecture of tunable mechanical monolithic horizontal sensor for low frequency seismic noise measurement** [7831-12]
F. Acernese, Univ. degli Studi di Salerno (Italy) and INFN (Italy); G. Giordano, Univ. degli Studi di Salerno (Italy); R. De Rosa, INFN (Italy) and Univ. degli Studi di Napoli Federico II (Italy); R. Romano, S. Vilasi, F. Barone, Univ. degli Studi di Salerno (Italy) and INFN (Italy)
- 7831 OF **GeoEye vs. QuickBird: operational potentialities, limits, and integration for fast map production** [7831-13]
E. Borgogno Mondino, Univ. degli Studi di Torino (Italy); F. Chiabrando, Politecnico di Torino (Italy)

INFRASTRUCTURES AND URBAN AREAS II

- 7831 OG **Analyzing suitability for urban expansion under rapid coastal urbanization with remote sensing and GIS techniques: a case study of Lianyungang, China** [7831-14]
W. Zhao, Nanjing Univ. (China) and Univ. of Copenhagen (Denmark); X. Zhu, Nanjing Univ. (China); A. Reenberg, Univ. of Copenhagen (Denmark); X. Sun, Nanjing Univ. (China)
- 7831 OH **Quantification of urban structure on building block level utilizing multisensoral remote sensing data** [7831-15]
M. Wurm, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany) and Julius-Maximilians Univ. Würzburg (Germany); H. Taubenböck, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany); S. Dech, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany) and Julius-Maximilians Univ. Würzburg (Germany)
- 7831 OI **The global trend of urbanization: spatiotemporal analysis of megacities using multi-temporal remote sensing, landscape metrics, and gradient analysis** [7831-16]
H. Taubenböck, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany); M. Wegmann, Julius-Maximilians-Univ. Würzburg (Germany); M. Wurm, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany) and Julius-Maximilians-Univ. Würzburg (Germany); T. Ullmann, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany); S. Dech, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany) and Julius-Maximilians-Univ. Würzburg (Germany)
- 7831 OJ **Automatic DEM generation from low B/H stereoscopic acquisition** [7831-17]
J.-M. Delvit, Ctr. National d'Études Spatiales (France); S. Artigues, Magellium (France)
- 7831 OK **DSM from ALOS data: the case of Andritsena, Greece** [7831-18]
K. G. Nikolakopoulos, Institute of Geology & Mineral Exploration (Greece); A. D. Vaiopoulos, Univ. of Athens (Greece); P. I. Tsombos, Institute of Geology & Mineral Exploration (Greece)

ENVIRONMENTAL MONITORING CONCEPTS I

- 7831 OL **A review on derivation of biomass information in semi-arid regions based on remote sensing data** [7831-19]
C. Eisfelder, C. Kuenzer, S. Dech, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany)
- 7831 OO **A new model for fire forecast** [7831-23]
S. Wu, C. Liu, China Meteorological Administration (China)

ENVIRONMENTAL MONITORING CONCEPTS II

- 7831 OP **Image processing for smarter browsing of ocean color data products: investigating algal blooms** [7831-24]
J. Hayes, Dublin City Univ. (Ireland) and IBM Ireland (Ireland); E. O'Connor, K.-T. Lau, N. E. O'Connor, A. F. Smeaton, D. Diamond, Dublin City Univ. (Ireland)
- 7831 OQ **Smart monitoring of water quality in Asprokremmos Dam in Paphos, Cyprus using satellite remote sensing and wireless sensor platform** [7831-25]
C. Papoutsas, D. G. Hadjimitsis, K. Themistocleous, Cyprus Univ. of Technology (Cyprus); S. Perdikou, Frederick Univ. (Cyprus); A. Retalis, National Observatory of Athens (Greece); L. Toullos, National Agricultural Research Foundation (Greece)
- 7831 OR **Monitoring a quarry using high resolution data and GIS techniques** [7831-26]
K. G. Nikolakopoulos, P. I. Tsombos, Institute of Geology & Mineral Exploration (Greece); A. D. Vaiopoulos, Univ. of Athens (Greece)
- 7831 OS **Application of satellite derived information for disaster risk reduction: vulnerability assessment for southwest coast of Pakistan** [7831-27]
L. Rafiq, Pakistan Space & Atmosphere Research Commission (Pakistan); T. Blaschke, P. Zeil, Paris-Lodron-Univ. Salzburg (Austria)

REMOTE SENSING AND GIS IN EDUCATION

- 7831 OT **Remote sensing and eLearning 2.0 for school education** [7831-29]
K. Voss, R. Goetzke, H. Hodam, Rheinische Friedrich-Wilhelms-Univ. Bonn (Germany)
- 7831 OU **Geoinformatics meets education for a peat bog information system** [7831-30]
U. Michel, C. Fiene, Pädagogische Hochschule Heidelberg (Germany); C. Plass, Univ. Osnabrück (Germany)
- 7831 OV **Detection of archaeological crop marks in Cyprus using vegetation indices from Landsat TM/ETM+ satellite images and field spectroscopy measurements** [7831-33]
A. Agapiou, D. G. Hadjimitsis, K. Themistocleous, G. Papadavid, Cyprus Univ. of Technology (Cyprus); L. Toullos, National Agricultural Research Foundation (Greece)

ENVIRONMENTAL MONITORING CONCEPTS III

- 7831 OZ **An application of statistical technique to correct satellite data due to orbit degradation** [7831-34]
M. Z. Rahman, LaGuardia Community College (United States); L. Roytman, The City College of New York (United States); R. Jesmin, King's College London (United Kingdom)
- 7831 10 **Land use and land cover classification with SPOT-5 images and Partial Lanczos Extreme Learning Machine (PL-ELM)** [7831-35]
N.-B. Chang, Univ. of Central Florida (United States); M. Han, W. Yao, Dalian Univ. of Technology (China); L.-C. Chen, National Central Univ. (Taiwan); S. Xu, Dalian Univ. of Technology (China)

- 7831 11 **Modeling and valuation of ecological impacts of land cover and land use changes on Tenerife (Canary Islands)** [7831-36]
S. Günthert, A. Siegmund, Heidelberg Univ. (Germany) and Pädagogische Hochschule Heidelberg (Germany); S. Naumann, Pädagogische Hochschule Heidelberg (Germany)
- 7831 12 **Investigation of landscape patterns of the Mouteh Wildlife Refuge using geographic information systems** [7831-37]
S. Maleki Najafabadi, Zabol Univ. (Iran, Islamic Republic of); A. Soffianian, Isfahan Univ. of Technology (Iran, Islamic Republic of); V. Rahdari, Zabol Univ. (Iran, Islamic Republic of)
- 7831 14 **Evaluating the ecotourism potentials of Naharkhoran area in Gorgan using remote sensing and geographic information system** [7831-39]
J. Oladi, Natural Resources Univ. (Iran, Islamic Republic of); D. Bozorgnia, Iran Cultural Heritage, Handicrafts and Tourism Organization (Iran, Islamic Republic of)

POSTER SESSION

- 7831 15 **Possibilities and constraints in the use of very high spatial resolution UltraCamX airborne imagery and digital surface models for classification in densely built-up areas: a case study of Berlin** [7831-07]
C. Brüsshaber, A. M. Trosset, T. Bucher, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany)
- 7831 16 **Monitoring the greenbelt dynamic of tourist city Hangzhou based on remote sensing** [7831-41]
D. Tang, Q. Cheng, Zhejiang Gongshang Univ. (China)
- 7831 17 **Metadata research and design of ocean color remote sensing data based on web service** [7831-42]
Y. Kang, The Second Institute of Oceanography, SOA (China) and Zhengjiang Univ. (China); D. Pan, X. He, D. Wang, J. Chen, The Second Institute of Oceanography, SOA (China)
- 7831 1B **An improved algorithm for land surface temperature retrieval from Landsat-5 thermal infrared data in Tianjin Binhai New Area** [7831-46]
Y. Yang, Ctr. for Earth Observation and Digital Earth (China) and Graduate Univ. of the Chinese Academy of Sciences (China); D. Yan, Ctr. for Earth Observation and Digital Earth (China)
- 7831 1C **Accuracy assessment of coastal zone remote sensing survey based on high resolution remote sensing image** [7831-47]
H. Zhang, Ocean Univ. of China (China) and The Second Institute of Oceanography, SOA (China); W. Huang, The Second Institute of Oceanography, SOA (China)

- 7831 1D **Low frequency seismic noise acquisition and analysis with tunable monolithic horizontal sensors** [7831-48]
 F. Acernese, Univ. degli Studi di Salerno (Italy) and INFN (Italy); R. De Rosa, INFN (Italy) and Univ. degli Studi di Napoli Federico II (Italy); R. De Salvo, California Institute of Technology (United States); G. Giordano, Univ. degli Studi di Salerno (Italy); J. Harms, V. Mandic, Univ. of Minnesota, Twin Cities (United States); R. Romano, Univ. degli Studi di Salerno (Italy) and INFN (Italy); T. Trancynger, South Dakota Science and Technology Authority (United States); S. Vilasi, F. Barone, Univ. degli Studi di Salerno (Italy) and INFN (Italy)
- 7831 1E **Patterns of reclamation land use of Hangzhou Bay with remote sensing in the last two decades** [7831-49]
 H. Zhang, Ocean Univ. of China (China) and The Second Institute of Oceanography, SOA (China); Y. Sui, The Second Institute of Oceanography, SOA (China) and Qingdao Technological Univ. (China); W. Huang, The Second Institute of Oceanography, SOA (China)
- 7831 1F **SST and SS changes during Saemangeum seawall construction using Landsat TM and ETM imagery** [7831-50]
 J.-H. Park, S. Na, Chungbuk National Univ. (Korea, Republic of)
- 7831 1I **Highly optimized weighted-IHS pan sharpening with edge-preserving denoising** [7831-54]
 J. Wassenberg, W. Middelmann, S. Laryea, Fraunhofer-Institut für Optronik, Systemtechnik und Bildauswertung (Germany)
- 7831 1K **Band selection method for retrieving soil lead content with hyperspectral remote sensing data** [7831-56]
 X. Zhang, J. Wen, D. Zhao, Institute of Remote Sensing Applications (China)
- 7831 1L **Unmixing techniques for better segmentation of urban zones, roads, and open pit mines** [7831-57]
 H. Nikolov, D. Borisova, D. Petkov, Solar-Terrestrial Influences Lab. (Bulgaria)
- 7831 1M **Quantitative and qualitative coastal water quality parameters monitoring using field data and aerial photography: Porto (Portugal) beaches** [7831-58]
 A. Teodoro, J. Pais-Barbosa, F. Piqueiro, Univ. do Porto (Portugal); R. Aguiar, Instituto Geográfico do Exército (Portugal)
- 7831 1P **Spectral characteristics and feature selection of satellite remote sensing data for land use/cover changes assessment in the Romanian northwestern Black Sea coastal area** [7831-61]
 L. F. V. Zoran, C. Ionescu Golovanov, Univ. Politehnica of Bucharest (Romania); M. A. Zoran, National Institute of Research & Development for Optoelectronics (Romania)
- 7831 1Q **Urban environmental changes assessment through fusion of multispectral and multitemporal satellite data** [7831-62]
 M. A. Zoran, National Institute of Research & Development for Optoelectronics (Romania)

- 7831 1R **Spatial and temporal characteristics of aridity conditions in Tarim Basin, China** [7831-63]
Z. Sun, Nanjing Institute of Geography and Limnology (China); N.-B. Chang, Univ. of Central Florida (United States); C. Opp, T. Hennig, Philipps-Univ. Marburg (Germany)
- 7831 1T **Experiment of monitoring oil spill on the base of EOS/MODIS data** [7831-65]
D. Wang, D. Pan, Y. Zhan, Q. Zhu, The Second Institute of Oceanography, SOA (China)
- 7831 1U **Mechanical monolithic fillmeter for low frequency measurements** [7831-66]
F. Acernese, Univ. degli Studi di Salerno (Italy) and INFN (Italy); R. De Rosa, INFN (Italy) and Univ. degli Studi di Napoli Federico II (Italy); G. Giordano, Univ. degli Studi di Salerno (Italy); R. Romano, S. Vilasi, F. Barone, Univ. degli Studi di Salerno (Italy) and INFN (Italy)
- 7831 1W **An enhanced vegetation index time series for the Amazon based on combined gap-filling approaches and quality datasets** [7831-68]
S. Bernardes, The Univ. of Georgia (United States)
- 7831 1X **Extraction of earthquake-damaged areas from aerial images by probabilistic method** [7831-69]
S. Izaka, H. Saji, Shizuoka Univ. (Japan)
- 7831 1Y **Collection of road traffic information from satellite images and digital map** [7831-70]
F. Shinmura, H. Saji, Shizuoka Univ. (Japan)
- 7831 1Z **Atmospheric correction issues for water quality assessment from remote sensing: the case of Lake Qarun (Egypt)** [7831-71]
G. Bitelli, E. Mandanici, Univ. degli Studi di Bologna (Italy)
- 7831 20 **Monitoring vegetation cover changes using satellite data during 1972 to 2007** [7831-73]
V. Rahdari, Zabol Univ. (Iran, Islamic Republic of); A. Soffianian, S. J. Khajaldin, Isfahan Univ. of Technology (Iran, Islamic Republic of); S. Maleki Najafabadi, Zabol Univ. (Iran, Islamic Republic of)

Author Index

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Environmental Monitoring Concepts II

Michael Wurm, Deutsches Zentrum für Luft- und Raumfahrt e.V. (Germany)

Remote Sensing and GIS in Education

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Environmental Monitoring Concepts III

Roland Goetzke, Rheinische Friedrich-Wilhelms-Universität Bonn (Germany)

Introduction

These proceedings contain 51 papers that were presented at the SPIE conference on Earth Resources and Environmental Remote Sensing/GIS Applications, formerly known under the title "Remote Sensing for Environmental Monitoring, GIS Applications, and Geology." The conference took place 20–23 September 2010, once again in Toulouse, France; it was the 10th conference with this topic after its inauguration in Toulouse in 2001.

The conference sessions with presented papers and interactive posters were grouped into the following themes: Processing Methodologies, Infrastructures and Urban Areas, Hazards Mitigation Geologic Application, Sensors and Platforms, Environmental Monitoring Concepts, Remote Sensing and GIS in Education and Remote Sensing for Archaeology. Lively discussions often continued into the coffee breaks. Although the session topics seemed rather diverse, there was a common thread to many papers, i.e., application of remotely sensed data for the protection of our environment and the integration with geographic information systems (GIS). There was strong support from the audience to continue these themes for future conferences.

The paper collection and review process were again perfectly organized by the SPIE staff. We like to thank the SPIE staff on-site for their responsiveness and support. We are also grateful to our program committee for their help in the reviewing and session compilation process.

Ulrich Michel
Daniel L. Civco

