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Diofantos G. Hadjimitsis
Kyriacos Themistocleous
Silas Michaelides
Giorgos Papadavid
Editors

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Contents

xi	<i>Conference Committee</i>
xv	<i>Introduction</i>

LIDAR

- 9229 04 **High spatial resolution NO₂ tropospheric slant columns retrieved from OMI spatial-zoom spectra using an earthshine reference** [9229-14]
J. S. Anand, R. J. Leigh, P. S. Monks, Univ. of Leicester (United Kingdom)
- 9229 05 **Investigation on the contribution of LiDAR data in 3D cadastre** [9229-13]
O. Giannaka, E. Dimopoulou, A. Georgopoulos, National Technical Univ. of Athens (Greece)
- 9229 06 **Study of cloud properties using airborne and satellite measurements** [9229-16]
A. Boscornea, Univ. of Bucharest (Romania) and INCAS - National Institute for Aerospace Research Elie Carafoli (Romania); S. Stefan, Univ. of Bucharest (Romania); S. Vajaia, Univ. of Bucharest (Romania) and INCAS - National Institute for Aerospace Research Elie Carafoli (Romania)
- 9229 07 **European meteorological data: contribution to research, development, and policy support** [9229-22]
I. Biavetti, S. Karetos, A. Ceglar, A. Toreti, P. Panagos, European Commission Joint Research Ctr. (Italy)

GIS

- 9229 08 **Integrating GIS and genetic algorithms for automating land partitioning** [9229-1]
D. Demetriou, Univ. of Leeds (United Kingdom); L. See, International Institute for Applied Systems Analysis (Austria) and Univ. College London (United Kingdom); J. Stillwell, Univ. of Leeds (United Kingdom)
- 9229 09 **Importance of the spatial data and the sensor web in the ubiquitous computing area** [9229-67]
N. Akçit, E. Tomur, M. O. Karslıoğlu, Middle East Technical Univ. (Turkey)
- 9229 0A **Digital surveying and mapping of forest road network for development of a GIS tool for the effective protection and management of natural ecosystems** [9229-81]
V. C. Drosos, S.-A. G. Liampas, Democritus Univ. of Thrace (Greece); A.-K. G. Doukas, Aristotle Univ. of Thessaloniki (Greece)

GEOLOGY

- 9229 0C **Subsurface geological modeling using GIS and remote sensing data: a case study from Platanos landslide, Western Greece** [9229-41]
K. Kavoura, M. Kordouli, K. Nikolakopoulos, Univ. of Patras (Greece); P. Elias, O. Sykioti, IAASARS, National Observatory of Athens (Greece); V. Tsagaris, Univ. of Patras (Greece); G. Drakatos, GEIN, National Observatory of Athens (Greece); Th. Rondoyanni, G. Tsiambaos, National Technical Univ. of Athens (Greece); N. Sabatakakis, V. Anastasopoulos, Univ. of Patras (Greece)
- 9229 0D **Integrated GIS and remote sensing analysis for landslide susceptibility mapping in Crete** [9229-26]
M. Kouli, P. Soupios, F. Vallianatos, Technological Educational Institute of Crete (Greece)
- 9229 0E **Cost effective accurate orthoimaging of inaccessible areas** [9229-29]
P. Fragkos, C. Ioannidis, National Technical Univ. of Athens (Greece)
- 9229 0F **Predicting soil organic carbon content in Cyprus using remote sensing and Earth observation data** [9229-46]
C. Ballabio, P. Panagos, L. Montanarella, European Commission Joint Research Ctr. (Italy)
- 9229 0G **Land subsidence in southwest Cyprus revealed from C-band radar interferometry** [9229-97]
P. Michalis, A. Giourou, B. Charalampopoulou, Geosystems Hellas (Greece); Z. Li, Newcastle Univ. (United Kingdom); Y. Li, Newcastle Univ. (United Kingdom) and China Earthquake Administration (China)

HAZARDS

- 9229 0H **Data Acquisition (DAQ) system dedicated for remote sensing applications on Unmanned Aerial Vehicles (UAV)** [9229-19]
C. Keleshis, S. Ioannou, M. Vrekoussis, The Cyprus Institute (Cyprus); Z. Levin, The Cyprus Institute (Cyprus) and Tel Aviv Univ. (Israel); M. A. Lange, The Cyprus Institute (Cyprus)
- 9229 0I **Advances in soil erosion modelling through remote sensing data availability at European scale** [9229-44]
P. Panagos, European Commission Joint Research Ctr. (Italy); C. Karydas, Aristotle Univ. of Thessaloniki (Greece); P. Borrelli, C. Ballabio, European Commission Joint Research Ctr. (Italy); K. Meusburger, Univ. Basel (Switzerland)

REMOTE SENSING VEGETATION INDICES

- 9229 0J **Investigation of spatial relationships between crop coefficients and specific ground based vegetation indices for Karla watershed, Greece** [9229-9]
M. Spiliotopoulos, A. Loukas, N. Mylopoulos, Univ. of Thessaly (Greece) and Institute for Research and Technology of Thessaly (Greece); L. Toullos, National Agricultural Research Foundation (Greece); G. Stancalie, National Meteorological Administration (Romania)

- 9229 OK **Potential of using satellite based vegetation indices and biophysical variables for the assessment of the water footprint of crops** [9229-45]
Gh. Stancalie, A. T. Nertan, National Meteorological Administration (Romania); L. Toullos, National Agricultural Research Foundation (Greece); M. Spiliotopoulos, Univ. of Thessaly (Greece)
- 9229 OL **Establishing a method for estimating crop water requirements using the SEBAL method in Cyprus** [9229-64]
G. Papadavid, Agricultural Research Institute (Cyprus); L. Toullos, National Agricultural Research Foundation (Greece); D. Hadjimitsis, Cyprus Univ. of Technology (Cyprus); G. Kountios, Agricultural Research Institute (Cyprus)
- 9229 OM **Satellite-derived land use changes along the Xin'an River watershed for supporting water quality investigation for potential fishing grounds in Qiandao Lake, China** [9229-32]
A. Agapiou, D. D. Alexakis, Cyprus Univ. of Technology (Cyprus); A. Sarris, Foundation for Research and Technology-Hellas (Greece); K. Themistocleous, C. Papoutsas, D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)

REMOTE SENSING IN URBAN AREAS

- 9229 OO **Comparative analysis of property taxation policies within Greece and Cyprus evaluating the use of GIS, CAMA, and remote sensing techniques** [9229-98]
T. Dimopoulos, Cyprus Univ. of Technology (Cyprus); T. Labropoulos, National Technical Univ. of Athens (Greece); D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)
- 9229 OP **Integration of different geospatial data in urban areas: a case of study** [9229-54]
F. Franci, A. Lambertini, G. Bitelli, Univ. degli Studi di Bologna (Italy)
- 9229 OQ **Effects of tourism and globalization on land cover and the influence on the quality of life of Paphos area in Cyprus** [9229-91]
C. Italos, E. Akylas, D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)
- 9229 OR **Photogrammetry and remote sensing on urban areas** [9229-11]
M. A. Lazaridou, Aristotle Univ. of Thessaloniki (Greece)
- 9229 OS **The use of UAV platforms for remote sensing applications: case studies in Cyprus** [9229-75]
K. Themistocleous, Cyprus Univ. of Technology (Cyprus)

LAND COVER/USE

- 9229 OT **Geoinformation technologies in sustainable spatial planning: a Geodesign approach to local land-use planning** [9229-17]
M. Campagna, A. Matta, Univ. degli Studi di Cagliari (Italy)
- 9229 OU **Evaluation of sustainability indices and indicators in the Paphos district area in Cyprus** [9229-93]
C. Italos, E. Akylas, Cyprus Univ. of Technology (Cyprus); D. Karidis, National Technical Univ. of Athens (Greece); D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)

- 9229 0V **Use of Landsat imagery to detect land cover changes for monitoring soil sealing: case study: Bologna province (Italy)** [9229-50]
R. Casciere, F. Franci, G. Bitelli, Univ. degli Studi di Bologna (Italy)

ENVIRONMENTAL

- 9229 0W **Integration of geoinformatics and wireless sensors for smart agriculture in tea** [9229-42]
N. Gupta, P. P. Gupta, P. Pramanik, A. Saikia, Tea Research Association (India);
L. Sengupta, Ctr. for Development of Advanced Computing (India); R. M. Bhagat, Tea
Research Association (India); N. Bhattacharya, Ctr. for Development of Advanced
Computing (India)
- 9229 0X **Meteorological radar services: a brief discussion and a solution in practice** [9229-4]
K. A. Nicolaides, Cyprus Dept. of Meteorology (Cyprus)
- 9229 0Y **Effect of environmental deterioration on buildings: a condition assessment case study**
[9229-88]
G. Christou, E. A. Tantele, R. A. Votsis, Cyprus Univ. of Technology (Cyprus)
- 9229 0Z **An image based method for crop yield prediction using remotely sensed and crop canopy
data: the case of Paphos district, western Cyprus** [9229-65]
G. Papadavid, Agricultural Research Institute (Cyprus); D. Hadjimitsis, Cyprus Univ. of
Technology (Cyprus)
- 9229 10 **The further environmental development of Polyphyto Hydroelectric Project reservoir in
Kozani prefecture and its contribution to the life quality improvement** [9229-57]
C. Saounatsou, Hellenic Open Univ. (Greece); J. Georgi, Neapolis Univ. of Pafos (Cyprus)

WATER SCIENCES

- 9229 11 **Monitoring water quality parameters for Case II waters in Cyprus using satellite data**
[9229-90]
C. Papoutsas, Cyprus Univ. of Technology (Cyprus); A. Retalis, National Observatory of
Athens (Greece); L. Toullos, National Agricultural Research Foundation (Greece);
D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)
- 9229 12 **Identification of the key variables that can be estimated using remote sensing data and
needed for Water Footprint (WF) assessment** [9229-10]
M. Romaguera, Univ. of Twente (Netherlands); L. Toullos, National Agricultural Research
Foundation (Greece); G. Stancalie, A. Nertan, National Meteorological Administration
(Romania); M. Spiliotopoulos, Univ. of Thessaly (Greece); P. Struzik, Institute of Meteorology
and Water Management (Poland); E. J. Calleja, Malta College for Science and
Technology (Malta); G. Papadavid, Agricultural Research Institute (Cyprus)
- 9229 13 **Evapotranspiration as a component of water footprint: use of conventional and satellite
data for better estimation of spatial and temporal pattern** [9229-8]
P. Struzik, M. Kepinska-Kasprzak, Institute of Meteorology and Water Management (Poland)

CULTURAL HERITAGE

- 9229 14 **What's next in remote sensing archaeology? Use of field spectroscopy to design a new space sensor (Invited Paper)** [9229-102]
D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)
- 9229 16 **4D reconstruction of the past: the image retrieval and 3D model construction pipeline** [9229-5]
A. Hadjiprocopis, M. Ioannides, Cyprus Univ. of Technology (Cyprus); K. Wenzel, M. Rothermel, Univ. Stuttgart (Germany); P. S. Johnsons, 7Reasons GmbH (Austria); D. Fritsch, Univ. Stuttgart (Germany); A. Doulamis, E. Protopapadakis, G. Kyriakaki, K. Makantasis, Technical Univ. of Crete (Greece); G. Weinlinger, M. Klein, 7Reasons GmbH (Austria); D. Fellner, A. Stork, P. Santos, Fraunhofer Institute for Computer Graphics Research
- 9229 17 **3D laser scanning and modelling of the Dhow heritage for the Qatar National Museum** [9229-43]
A. Wetherelt, J. P. Cooper, Univ. of Exeter (United Kingdom); C. Zazzaro, Univ. of Naples (Italy)

SATELLITE AND WATER RESOURCES

- 9229 18 **Delineating hydrological response units in a mountainous catchment and its evaluation on water mass balance and model performance** [9229-63]
E. Savvidou, Cyprus Univ. of Technology (Cyprus); O. Tzoraki, Univ. of the Aegean (Greece); D. Skarlatos, Cyprus Univ. of Technology (Cyprus)
- 9229 19 **New toolbox in ArcGIS for the reconstruction of missing satellite data using DINEOF algorithm: a case study of reconstruction of Chlorophyll-a gaps over the Mediterranean Sea** [9229-87]
A. Nikolaidis, Cyprus Univ. of Technology (Cyprus) and Univ. of Cyprus (Cyprus); S. Stylianou, G. Georgiou, Univ. of Cyprus (Cyprus); D. Hadjimitsis, E. Akylas, Cyprus Univ. of Technology (Cyprus)
- 9229 1A **Spiral eddies in the Aegean Sea derived by satellite radar data** [9229-25]
A. Tavri, K. Topouzelis, E. Tragou, Univ. of the Aegean (Greece)

FORESTS

- 9229 1B **A decision support tool for visibility analysis: the probabilistic algorithm GAVOS** [9229-24]
G. A. Achilleos, Cyprus Univ. of Technology (Cyprus)
- 9229 1C **Forest construction infrastructures for the prevision, suppression, and protection before and after forest fires** [9229-83]
V. C. Drosos, Democritus Univ. of Thrace (Greece); V. J. Giannoulas, Aristotle Univ. of Thessaloniki (Greece); C. Daoutis, Democritus Univ. of Thrace (Greece)

- 9229 1D **(Semi) automatic extraction from airborne laser scan data of roads and paths in forested areas** [9229-89]
W. F. Vletter, Univ. of Vienna (Austria)
- 9229 1E **Determining aboveground biomass of the forest successional chronosequence in a test-site of Brazilian Amazon through X- and L-band data analysis** [9229-6]
J. R. Santos, C. V. de Jesus Silva, L. S. Galvão, National Institute for Space Research (Brazil); R. Treuhaff, Jet Propulsion Lab. (United States); J. C. Mura, National Institute for Space Research (Brazil); S. Madsen, Jet Propulsion Lab. (United States); F. G. Gonçalves, Woods Hole Research Ctr. (United States); M. M. Keller, U.S. Forest Service (United States) and Univ. of New Hampshire (United States)
- 9229 1F **Cadastre (forest maps) and spatial land uses planning, strategic tool for sustainable development** [9229-82]
V. C. Drosos, Democritus Univ. of Thrace (Greece)
- 9229 1G **Protection against fire in the mountainous forests of Greece case study: forest complex of W. Nestos** [9229-84]
V. C. Drosos, Democritus Univ. of Thrace (Greece); V. J. Giannoulas, A. Stergiadou, E. Karagiannis, A.-K. G. Doukas, Aristotle Univ. of Thessaloniki (Greece)

SEISMIC

- 9229 1H **Leading time domain seismic precursors** [9229-33]
A. C. Boucouvalas, M. Gkasios, A. Keskebes, N. T. Tselikas, Univ. of Peloponnese (Greece)
- 9229 1I **Field dynamic testing on a Cyprus concrete highway bridge using Wireless Sensor Network (WSN)** [9229-85]
R. A. Votsis, N. Kyriakides, E. A. Tantele, C. Z. Chrysostomou, T. Onoufriou, Cyprus Univ. of Technology (Cyprus)
- 9229 1J **Hazard analysis of active tectonics through geomorphometric parameters to cultural heritage conservation: the case of Paphos in Cyprus** [9229-18]
A. V. Argyriou, Foundation for Research and Technology-Hellas (Greece) and Univ. of Portsmouth (United Kingdom); A. Sarris, Foundation for Research and Technology-Hellas (Greece); D. Alexakis, A. Agapiou, K. Themistocleous, Cyprus Univ. of Technology (Cyprus); V. Lysandrou, Kykkos Museum (Cyprus); D. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)

POSTER SESSION: AGRICULTURE

- 9229 1K **Determination of phenological parameters from MODIS derived NDVI data using hidden Markov models** [9229-34]
M. A. García, H. Moutahir, S. Bautista, F. Rodríguez, Univ. de Alicante (Spain)

POSTER SESSION: ENVIRONMENTAL APPLICATIONS

- 9229 1L **Geodiametris: an integrated geoinformatic approach for monitoring land pollution from the disposal of olive oil mill wastes** [9229-39]
D. D. Alexakis, A. Sarris, N. Papadopoulos, Foundation for Research and Technology-Hellas (Greece); P. Soupios, Technological Educational Institute of Crete (Greece); M. Doula, V. Cavvadias, National Agricultural Research Foundation (Greece)
- 9229 1M **Rockfall detection along road networks using close range photogrammetry** [9229-66]
P. Partsinevelos, S. Mertikas, Z. Agioutantis, Technical Univ. of Crete (Greece); V. Tsioukas, Aristotle Univ. of Thessaloniki (Greece); A. Tripolitsiotis, P. Zervos, Technical Univ. of Crete (Greece)
- 9229 1N **Forecasting precipitation and temperatures at the island of Cyprus to enhance wetland management** [9229-27]
G. Spanou, K. K. Ioannou, Eastern Macedonia and Thrace Institute of Technology (Greece); V. Iakovoglou, DEMETER-FRI (Greece); G. N. Zaimes, Eastern Macedonia and Thrace Institute of Technology (Greece)
- 9229 1O **Damage assessment using advanced non-intrusive inspection methods: integration of space, UAV, GPR, and field spectroscopy** [9229-70]
K. Themistocleous, K. Neocleous, Cyprus Univ. of Technology (Cyprus); K. Pilakoutas, The Univ. of Sheffield (United Kingdom); D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)

POSTER SESSION: GEOLOGY

- 9229 1P **Monitoring of olive oil mills' wastes using electrical resistivity tomography techniques** [9229-28]
K. Simyrdanis, N. Papadopoulos, Foundation for Research and Technology-Hellas (Greece); S. Kirkou, Foundation for Research and Technology-Hellas (Greece) and Aristotle Univ. of Thessaloniki (Greece); A. Sarris, Foundation for Research and Technology-Hellas (Greece); P. Tsourlos, Aristotle Univ. of Thessaloniki (Greece)

POSTER SESSION: GIS

- 9229 1Q **Development of a geographical information system for risk mapping of reinforced concrete buildings subjected to atmospheric corrosion in Cyprus using optical remote sensing data** [9229-23]
K. Neocleous, A. Agapiou, A. Christofe, K. Themistocleous, Z. Achillides, M. Panayiotou, D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)

POSTER SESSION: REMOTE SENSING

- 9229 1T **Sustainable transport planning using GIS and remote sensing: an integrated approach** [9229-103]
M. D. Giorgoudis, D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus); Y. Shifan, Technion-Israel Institute of Technology (Israel)

- 9229 1U **Remote sensing application for identifying wetland sites on Cyprus: problems and prospects** [9229-12]
V. Markogianni, Hellenic Ctr. for Marine Research (Greece); E. Tzirkalli, Univ. of Ioannina (Greece) and Frederick Univ. (Cyprus); S. Gücel, Near East Univ. (Cyprus); E. Dimitriou, S. Zogaris, Hellenic Ctr. for Marine Research (Greece)
- 9229 1V **Use of remote sensing and UAV for the management of degraded ecosystems: the case study of overgrazing in Randi Forest, Cyprus** [9229-76]
K. Themistocleous, Cyprus Univ. of Technology (Cyprus); G. Papadavid, Agricultural Research Institute (Cyprus); M. Christoforou, A. Agapiou, K. Andreou, D. Tsaltas, D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)

POSTER SESSION: WATER SCIENCE

- 9229 1W **User interface considerations for telerobotics: the case of an agricultural robot sprayer** [9229-62]
G. Adamides, Open Univ. of Cyprus (Cyprus); C. Katsanos, Hellenic Open Univ. (Greece); G. Christou, European Univ. of Cyprus (Cyprus); M. Xenos, Hellenic Open Univ. (Greece); G. Papadavid, Agricultural Research Institute (Cyprus); T. Hadzilacos, Open Univ. of Cyprus (Cyprus)
- 9229 1X **The use of GIS for supporting the experimental representation of the selected supply network in the Pafos municipality: the HydroGIS Lab** [9229-78]
K. Themistocleous, Pl. Evlogimenos, A. Agapiou, M. Theodorou, C. Demetriades, D. G. Hadjimitsis, Cyprus Univ. of Technology (Cyprus)
- 9229 1Y **Ship extraction and categorization from ASTER VNIR imagery** [9229-68]
P. Partsinevelos, Technical Univ. of Crete (Greece); G. Miliarisis, Open Univ. of Cyprus (Cyprus)

Author Index

Conference Committee

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- 1 LIDAR
A. Ansmann, Leibniz Institute for Tropospheric Research (Germany)
- 2 GIS
K. Tansey, University of Leicester (United States)
- 3 Geology
I. Woodhouse, University of Edinburgh (United Kingdom)
- 4 Remote Sensing Vegetation Indices
S. Bautista, Universidad de Alicante (Spain)
- 5 Hazards
G. Papadavid, Agricultural Research Institute (Cyprus)
- 6 Remote Sensing in Urban Areas
D. Demetriou, University of Leeds (United Kingdom)
- 7 Land Cover/Use
M. Campagna, Università di Cagliari (Italy)
- 8 Environmental
F. Rodriguez, Universidad de Alicante (Spain)
- 9 Cultural Heritage
A. Wetherelt, University of Exeter (United Kingdom)
- 10 Water Sciences
A. Loukas, University of Thessaly (Greece)
- 11 Satellite and Water Resources
P. Struzik, Institute of Meteorology and Water Management (Poland)
- 12 Forests
W. Vletter, Vienna Institute for Archaeological Science (Austria)
- 13 Seismic
A. Boucouvalas, University of Peloponnese (Greece)

Introduction

Following the success of the First International Conference on Remote Sensing and Geoinformation of Environment, RSCy2013 in Paphos, Cyprus that took place 8–10 April 2013, the Cyprus Remote Sensing Society and the Cyprus University of Technology organized the Second International Conference on Remote Sensing and Geoinformation of Environment, RSCy2014. The organizing committee, scientific committee, and editors would like to thank the authors and participants who attended the Second International Conference on Remote Sensing and Geoinformation of Environment in Paphos, Cyprus, 7–10 April 2014.

The conference focused on emerging issues in remote sensing and geoinformation of environment. It was attended by professionals from over 30 countries. The keynote speakers and diverse technical program encouraged the exchange of ideas and provided the foundation for future collaboration and innovation. The conference was enhanced by the inclusion of two workshops on ERDAS and LiDAR processing. The RSCy2014 Conference was organized by the Cyprus Remote Sensing Society, Cyprus University of Technology, ESA (European Space Agency), ETEK (Cyprus Scientific and Technical Chamber), Ministry of Defense, Department of Meteorology of the Ministry of Agriculture, Natural Resources and Environment, Department of Electronic Communications of the Ministry of Communications and Works, Frederick University, Neapolis University and COST (European Cooperation in Science and Technology).

The following papers, reviewed for presentation and accepted for publication by the scientific committee, represent continued advancements in the field of remote sensing and geo-information. The program, which included both oral and poster presentations, was organized around the following major themes: Agriculture, Atmospheric, Archaeology-Cultural Heritage, Environmental Applications, Forests-Fires, Geology, GIS, Land Cover and Land Use, LiDAR, Remote Sensing, Seismic, and Water Sciences. The abstracts and subsequent papers make important contributions to the open scientific literature on remote sensing and geo-information. We thank the authors for sharing their knowledge and enthusiasm.

We would like to especially thank the Conference chairs who provided invaluable assistance during the Conference. Thanks are also due to the staff at SPIE for following the proceedings through the publication process.

Diofantos G. Hadjimitsis
Kyriacos Themistocleous
Silas Michaelides
Giorgos Papadavid

