5th International Conference on GIS and Remote Sensing
September 19-20, 2019
Rome, Italy

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SCIENTIFIC PROGRAM
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Hall 1 (Remote Sensing and GIS)</th>
<th>Hall 2 (GIS Techniques and Technology)</th>
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<td></td>
<td>Satellite remote sensing</td>
<td>Projections coordinate systems, and registration</td>
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<td>Global positioning system</td>
<td>Data representation</td>
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<td>Remote sensing in atmospheric modeling</td>
<td>Data capture</td>
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<td>Resources assessment</td>
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<td>13:10-13:15</td>
<td>Group Photo</td>
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<td>13:15-14:00</td>
<td>Lunch Break</td>
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<td>14:00-16:00</td>
<td>Talks On: Remote Sensing in Urban Environment</td>
<td>Emerging imaging and sensing technology</td>
<td>Real-time and 3D with ArcGIS</td>
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<td>Digital image processing</td>
<td>Mobile mapping</td>
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<td>Remote sensing of clouds and atmosphere</td>
<td>Static web maps</td>
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<td>Weather forecasting</td>
<td>Traffic congestion maps</td>
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<td>High performance computing in geoscience</td>
<td>3D modeling from remotely sensed data</td>
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<td>16:00-16:20</td>
<td>Coffee Break</td>
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<td>Time</td>
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<td>09:00-10:30</td>
<td>Meeting Hall 01: KEYNOTE LECTURES</td>
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<td>10:30-10:50</td>
<td>COFFEE BREAK</td>
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<td>10:50-12:50</td>
<td><strong>MEETING HALL 01</strong></td>
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<td>Talks On:</td>
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<td>Global Navigation Satellite System</td>
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<td>Global positioning system (GPS)</td>
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<td>Global system for mobile communications (GSM)</td>
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<td>Big data processing</td>
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<td>Navigation and communication</td>
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<td><strong>MEETING HALL 02</strong></td>
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<td>Talks On:</td>
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<td>GIS &amp; RS Applications in Forestry</td>
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<td>Agriculture</td>
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<td>12:50-13:35</td>
<td>LUNCH BREAK</td>
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<td>13:35-15:55</td>
<td><strong>MEETING HALL 01</strong></td>
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<td>Cartographic Modeling</td>
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<td>Decision support modeling</td>
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<td>Analysis of mapped data</td>
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<td><strong>MEETING HALL 02</strong></td>
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<td>Implications of GIS in Society</td>
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<td>GIS social practice</td>
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<td>15:55-16:15</td>
<td>COFFEE BREAK</td>
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<td>16:15-17:00</td>
<td>Meeting Hall 01 (16:15-17:00): Poster Presentations</td>
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<td>17:00-18:00</td>
<td>Meeting Hall 01 (17:00-18:00): Workshop</td>
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https://gis-remotesensing.environmentalconferences.org/
PAST AFFILIATES

Victor Puchkov Nikolaevich,
Russian Academy of Sciences, Russia

Agustin Fernandez Eguiarte,
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United States Department of Defense, USA

Andrews Kwasi Afforo Odoo,
Losamills Consult Limited, Ghana

Napoleon Kurantin,
Ghana Institute of Management and Public Administration, Ghana
Rome Attractions

- Alps
- Colosseum
- Roman Forum
- Pantheon
- Leaning Tower of Pisa
- Amalfi Coast
- Arlunf Coast
- Gardaland
- Lake Garda
- Castel Sant'Angelo
GLIMPSES OF GIS CONGRESS CONFERENCES
Scientific Program

4th International Conference on
GIS and Remote Sensing
September 27-28, 2018 | Berlin, Germany

UK: Conference Series LLC Ltd
47 Churchfield Road, London, W3 6AY
Toll Free: +1-800-014-8923
DAY-1
September 27, 2018
Meeting Hall: Bismarck

Registrations

Opening Ceremony

KEYNOTE FORUM

Introduction
Title: Applications of GIS and remote sensing in landslide hazard assessment
Wendy Zhou, Colorado School of Mines, USA

Networking & Refreshments


Chair: Agustin Fernandez Eguiarte, Universidad Nacional Autonoma de Mexico, Mexico
Co-Chair: Waqas Wajid, Hochschule Anhalt, Bernburg (Saale), Germany

INTRODUCTION

Title: Selection of an appropriate height system for geomatics
Petr Vanicek, University of New Brunswick, Canada

Title: A service–enabled visualization for conveying spatial information by summarizing temporal point data
Leanne Sulewski, United States Department of Defense, USA

Title: Deep learning based on U-Net architectures for lithological classification using multi-sensor data
Yuanze Chen, Technical University of Munich, Germany

GROUP PHOTO

Lunch Break

Title: Synthesising information in remote sensing images based on an adaptive accumulation of evidence
Gloria Bordogna, CNR IREA, Milano, Italy

Title: Coupling deep learning and GIS for forest damage assessment based on high-resolution remote sensing data
Zayd Mahmoud Hamdi, Technical University of Munich, Germany

Title: Using Sentinel 2A images to analyze temporal variation of estimated chlorophyll content in olive groves and its relationship to phenological stages
Judit Rubio Delgado, University of Extremadura, Spain

Title: Sentinel-1 SAR data for agricultural applications
Dietrich Heintz, Cropix, Thalwil, Switzerland
Title: Spatio-temporal analysis of landuse change using Landstat 5 TM and stochastic gradient boosting in peri-urban areas of Yogyakarta, Indonesia
Sinha Prima Widowati Gunawan, Osaka University, Japan

Title: Spatial analysis of tourism places in post-Soviet contexts: Tourist destinations of Baltic states
Andris Klepers, Vidzeme University of Applied Sciences, Latvia

Title: Use of geo-spatial techniques to estimate the efficiency of public transport service in an urban area
Salman Zubair, University of Karachi, Pakistan

Panel Discussion

DAY-2
September 28, 2018
Meeting Hall: Bismarck

KEYNOTE FORUM

Title: International Terrestrial Reference Frame (ITRF) and global geodynamics
Victor Puchkov Nikolaevich, Russian Academy of Sciences, Russia

Sessions: GIS Techniques and Technologies | Geostatistics | Disaster assessment and management | GIS in renewable energy sources | GIS in Mapping | Seismology and Geodesy

Chair: Leanne Sulewski, United States Department of Defense, USA
Co-Chair: Andris Klepers, Vidzeme University of Applied Sciences, Latvia
Co-Chair: Katerina Mekhlis, NeoCityLab, Netherlands

INTRODUCTION

Title: Quantification of the impacts of tropical cyclones on the coasts of the Gulf of Mexico, the Western Caribbean Sea and on the urban, semi-urban and rural localities of Mexico
Agustin Fernandez Eguiarte, Universidad Nacional Autonoma de Mexico, Mexico

Title: Adopting the linked data approach for spatio-temporal analysis: Opportunities and challenges
Valentina Janev, University of Belgrade, Serbia
Title: Spatial and sensible planning of chaotic metropolitan city through GIS and remote sensing
Waqas Wajid, Hochschule Anhalt, Bernburg (Saale), Germany

GROUP PHOTO

Title: A geospatial study on coastal erosion in Krishna-Godavari delta region, Andhra Pradesh, India
Peddada Jagadeeswara Rao, Andhra University, India

Title: Using GIS to develop vulnerability index map for Bassetlaw District Council
Andrews Kwasi Afforo Odoom, Losamils Consult Limited, Ghana

Title: New approach to data visualisation, automated object recognition and urban management based on laser scanning and photo panoramas
Katerina Mekhlis, NeoCityLab, Netherlands

Title: Developing a prototype of geo-spatial system for the implementation of One District, One Factory policy in support of regional economic development and poverty alleviation programmes in Ghana
Napoleon Kurantin, Ghana Institute of Management and Public Administration, Ghana

Title: Object-based forest cover change mapping using remote sensing in Nuristan province, Afghanistan
Shogufa Popal, Kabul University, Afghanistan

Title: Earthquake risk assessment of Blida (Algeria) using GIS
Khalida Tadjer, University of Blida, Algeria

POSTER PRESENTATIONS

PANEL DISCUSSION

Awards & Closing Ceremony