5th International Conference on GIS and Remote Sensing

September 16-17, 2019
Rome, Italy

SCIENTIFIC PROGRAM
Monday 16th September

08:30-09:00 Registrations
09:00-09:30 Introduction

09:30-09:50 COFFEE BREAK

09:50-11:50
Meeting Hall 01
KEYNOTE LECTURES

11:50-13:10
Talks On: Remote Sensing and GIS
- Geological remote sensing
- Satellite remote sensing
- Global positioning system
- Remote sensing in atmospheric modeling

MEETING HALL 02
Talks On: GIS Techniques and Technology
- Raster-to-vector translation
- Projections coordinate systems, and registration
- Data representation
- Data capture
- Resources assessment

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00
MEETING HALL 01
Talks On: Remote Sensing in Urban Environment
- Emerging imaging and sensing technology
- Digital image processing
- Remote sensing of clouds and atmosphere
- Weather forecasting
- High performance computing in geoscience

MEETING HALL 02
Talks On: Web GIS and Web Mapping
- Real-time and 3D with ArcGIS
- Mobile mapping
- Static web maps
- Traffic congestion maps
- 3D modeling from remotely sensed data

16:00-16:20 COFFEE BREAK

16:00-17:00 MEETING HALL 01
Young Researchers Workshop

https://gis-remotesensing.environmentalconferences.org/
SCIENTIFIC PROGRAM
Tuesday, 17th September

DAY 2
Tuesday, 17th September

09:00-10:30  MEETING HALL 01
KEYNOTE LECTURES

10:30-10:50  COFFEE BREAK

10:50-12:50  MEETING HALL 01  MEETING HALL 02
Talks On:  Talks On:
Global Navigation Satellite System  GIS & RS Applications in Forestry
  Global positioning system (GPS)  Land management
  Global system for mobile communications (GSM)  Agriculture
  Big data processing  Deforestation
  Navigation and communication  Biodiversity conservation

12:50-13:35  LUNCH BREAK

13:35-15:55  MEETING HALL 01  MEETING HALL 02
Talks On:  Talks On:
Cartographic Modeling  Implications of GIS in Society
  Decision support modeling  GIS social practice
  Analysis of mapped data  GIS & RS in climate change

15:55-16:15  COFFEE BREAK

MEETING HALL 01 (16:15-17:00)  MEETING HALL 01 (17:00-18:00)
Poster Presentations  Workshop

https://gis-remotesensing.environmentalconferences.org/
 Victor Puchkov Nikolaevich,  
*Russian Academy of Sciences, Russia*

Agustin Fernandez Eguiarte,  
*Universidad Nacional Autonoma de Mexico,*

Judit Rubio Delgado,  
*University of Extremadura, Spain*

Andris Klepers,  
*Vidzeme University of Applied Sciences, Latvia*

Valentina Janev,  
*University of Belgrade, Serbia*

Waqas Wajid,  
*Hochschule Anhalt, Bernburg (Saale), Germany*

Katerina Mekhlis,  
*NeoCityLab, Netherlands*

Gloria Bordogna,  
*CNR IREA, Milano, Italy*

Dietrich Heintz,  
*Cropix, Thalwil, Switzerland*

Leanne Sulewski,  
*United States Department of Defense, USA*

Andrews Kwasi Afforo Odoom,  
*Losamills Consult Limited, Ghana*

Napoleon Kurantin,  
*Ghana Institute of Management and Public Administration, Ghana*

https://gis-remotesensing.environmentalconferences.org/
Rome Attractions

- Alps
- Roman Forum
- Pantheon
- Colosseum
- Leaning Tower of Pisa
- Vatican City
- Santa Maria Maggiore
- Castel Sant'Angelo
- Lake Garda
- Gardaland
Glimpses of GIS Congress Conferences
4th International Conference on
GIS and Remote Sensing
September 27-28, 2018 | Berlin, Germany
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

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

Lunch Break
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

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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

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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, Losamills 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

Networking & Refreshments

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