An insight into the accelerating innovations in the field of GIS and remote sensing

***For available speaker slots***

gis@conferenceseries.net
gis@earthscienceconferences.com
### Day-1  
**20 September 2017**

**Registrations**  

**Opening Ceremony**

**Keynote Forum**
- **Title:** Spaceborne InSAR and urban subsidence: from theory to practice  
  Yong Wang, East Carolina University, Greenville, NC 27858, USA
- **Title:** Group photo

**Coffee Break 11:00-11:20**

- **Title:** Wild fire mapping in Asia Pacific region by Advanced Himawari-8 Imager (AHI)  
  Wataru Takeuchi, The University of Tokyo, Japan
- **Title:** Current situation and future research topics on thermal infrared remote sensing technologies  
  Seyed Kazem Alavipanah, University of Tehran, Iran

**Session 1**
- **Track 1:** GIS
- **Track 2:** Geoinformatics
- **Track 4:** Remote Sensing Applications
- **Track 6:** GIS in Mapping
- **Track 9:** GIS & RS in Climate Change

**Session Introduction**
- **Title:** Remote sensing approach to evaluate sediment diversions on the lower Mississippi River  
  Reda Amer, Tulane University, USA
- **Title:** Precise agricultural monitoring based on sensor network and satellite remote sensing: Saving water usage of orchards in California  
  Kentaro Kuwata, FarmX, USA
- **Title:** Cloud detection based on global and direct horizontal irradiances from UV and VIS multi-filter rotating shadowband radiometers  
  Melina Maria Zempila, UV-B Monitoring and Research Program, USA
- **Title:** Develop a spatial method for locating wind turbines using methods fuzzy in GIS  
  Rita, University of Science and Research, TEHRAN, IRAN

**Lunch**

- **Title:** Hyperspectral remote sensing in detection of biotic and abiotic stresses in plants for precision agriculture  
  Keshav D Singh, University of California Davis, Davis 95616, CA, USA
- **Title:** Applications of GIS in visitor management of protected areas  
  Isabelle D. Wolf, University of New South Wales, Sydney, NSW 2052, Australia
- **Title:** Assessment of Ethiopian lakes level change for the last four decades using Landsat satellite image  
  Binyam T. Hailu, Addis Ababa University, Ethiopia
- **Title:** Assessment of carbon sequestration in forest soils and their mapping through remote sensing and GIS techniques  
  A.G. Koppad, College of Forestry, Sirsi, India
- **Title:** Seasonal variation in turbidity based on Landsat 8 OLI in Cam Ranh Bay and Thuy Trieu Lagoon, Vietnam  
  Nguyen Hao Quang, Nha Trang University, Vietnam

**Coffee Break**

**Panel Discussion**

**End of Day 1**
Day-2
21 September 2017

Keynote Forum

Title: Will too much data hurt the drone industry?
Jason San Souci, GISP, PrecisionHawk, USA

Title: Using GIS and remote sensing to identify environmental variables of malaria vector breeding sites in Western Kenya
Sydney Neeley, MS, Duke University, USA

Title: Enhancing situational awareness by mining big social media data in near-real time for disaster management
Zhenlong Li, University of South Carolina, USA

Coffee Break

Session 2

Track 3: Remote sensing
Track 5: Geodynamics
Track 7: GPS & Photogrammetry
Track 8: GIS & RS in Renewable Energy
Track 10: GIS Market

Title: Using A HAA-based multi-payload synchronized observation system to monitor grasslands on Qinghai Plateau
Aiwu Zhang, Capital Normal University, Beijing 100048, China

Title: Beyond GIS in the era of the internet of things
Monica Wachowicz, University of New Brunswick, Canada

Title: Environmental planning and management of urban lake using fuzzy logics and geospatial technology
Aruna Saxena, Maulana Azad National Institute of Technology, Bhopal, India

Lunch

Title: Evaluation of road image clustering optimization in digital images with different spatial resolutions in order to extract road centerline
Fateme Ameri, University of Tehran, Iran

Title: Application of airborne remotely sensed datasets with very high spatial resolution in obtaining canopy density maps in open woodlands
Yousef Erfanifard, Shiraz University, Iran

Title: Ground-water Seepage Losses Estimation between Terkos Lake and canal Istanbul Using Water Budget Analysis and Analytical solution
Khansaa A. Ahmed, Istanbul Technical University

Title: Development of a GIS for the management of the seismic vulnerability of the built downtown in Bilda
Barka Mohamed Kamel, University SAAD Dahleb Blida, Algeria

Title: Relationship between land use changes and fire activity in Castilla-la mancha (Spain) from 1976-2006
Olga Viedma, University of Castilla-La Mancha (UCLM), Spain

Panel Discussion

Awards Ceremony

Networking

End of Day 2
Major Scientific Sessions

- GIS
- Geoinformatics
- Remote sensing
- Remote Sensing Applications
- Geodynamics
- GIS in Mapping
- GPS & Photogrammetry
- GIS & RS in Renewable Energy
- GIS & RS in Climate Change
- GIS in Disaster management
- Seismology and Geodesy
- Geo-spatial simulation and visualization
- Location Based Services and Mobile GI App
- Multi temporal data processing
- Uncertainty and Error Propagation
- Volunteered geographic information (VGI)
- Earth Resources and Environmental Remote Sensing/GIS Applications
- GIS Software
- GIS Market
- Entrepreneurs Investment Meet

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries

gis@earthscienceconferences.com
Tourist Attractions in Charlotte, USA
### Day 1  August 01, 2016

#### Conference Hall

**Keynote Forum**

**Title:** Streamline GIS and location applications  
**Xinhang Shen,** NAC Geographic Products Inc., Canada

**Title:** Developing high-resolution global lake GIS database from landsat images  
**Yongwei Sheng,** University of California Los Angeles (UCLA), USA

**Sessions:**  
GIS | Remote Sensing | GIS Software | GIS in Mapping | GIS in Disaster Management

**Session Chair: N S Nethengwe,** University of Venda, South Africa

**Title:** GIS and wireless technology: The positive impact on healthcare quality  
**Jeffrey P Harrison,** University of North Florida, USA  
**Debra A Harrison,** Mayo College of Medicine, USA

**Title:** New orleans: Historic city with a poor memory  
**Craig E. Colten,** Louisiana State University, USA

**Title:** Detecting Seriphium plumosum spatial distribution dominancy using some of abiotic variables in Msukaligwa Local Municipality, Mpumalanga  
**N S Nethengwe,** University of Venda, South Africa

**Title:** Spatio-temporal modeling of traffic congestion triggered by incidents  
**Arfanara Najnin,** Curtin University, Australia

**Title:** Remote sensing approach to evaluate sediment diversions on the lower Mississippi River  
**Reda Amer,** Tulane University, USA

**Title:** Feedbacks between fire and landscape using remote sensing and GIS  
**Olga Viedma,** University of Castilla-La Mancha, Spain

**Title:** Spatio-temporal analysis of tuberculosis in relation to socio-economic and environmental factors  
**Iqra Ashraf,** National University of Science and Technology, Islamabad

---

### Day 2  August 02, 2016

#### Conference Hall

**Keynote Forum**

**Title:** Lunar IceCube: Ushering in a new era of planetary remote sensing using small satellite platforms  
**Benjamin K Malphrus,** Morehead State University, USA

**Title:** New era of 3D coastal morphology mapping using LiDAR and unmanned aerial vehicle  
**Xuelian Meng,** Louisiana State University, USA

**Sessions:**  
Geodynamics | Digital Earth

**Session Chair: N S Nethengwe,** University of Venda, South Africa

**Title:** Schoenoplectus americanus clones and genetic heat map across kirkpatrick marsh, edgwater, MD  
**Jennifer L Summers,** Tulane University, USA

**Title:** Mobile data and individual client diagnostic acquisition from pgws call analysis utilizing spark and the hadoop ecosystem  
**Wilbert A.McClay,** Northeastern University, USA

**Title:** Spatio-temporal analysis of tuberculosis in relation to socio-economic and environmental factors  
**Iqra Ashraf,** National University of Science and Technology, Islamabad

---
**Title:** Application of GIS in glaciology: Retreat of Saskatchewan Glacier, case report  
**Anar M Samedi,** University of Calgary, Canada

---

**Poster Presentations**

**GIS01**  
**Title:** Impact of geophysics in small-scale mining  
**Antonio Carlos Martins,** University of São Paulo, Brazil

**GIS02**  
**Title:** Determining the relationship between gully characteristics and environmental factors at subcatchment level using GIS and remote sensing in Zimbabwe  
**F Dondofema,** University of Venda, South Africa

**GIS03**  
**Title:** Possibility of detection and identification of boats and vessels detected by day-night-band of VIIRS and synthetic aperture radar on RADARSAT  
**Ichio Asanuma,** Tokyo University of Information Sciences, Japan

**GIS04**  
**Title:** Development of safety information management system  
**Kyungsoo Pyo,** National Disaster Management Research Institute, Korea

**GIS05**  
**Title:** Quantifying spatiotemporal change in land use and land cover and accessing water quality: Case study of Missouri watershed James sub-region, North Dakota  
**Papia Faustina Rozario,** North Dakota State University, USA

**GIS06**  
**Title:** Urban change detection method of multi-temporal remote sensing images  
**V V Hnatushenko,** Oles Honchar Dnipro University, Ukraine

**V V Vasiliev,** Oles Honchar Dnipro University, Ukraine

---

**Coffee Break**

**Award Ceremony & Panel Discussion**

---

**Day 3**  
**August 03, 2016**

| Networking | Lunch |

---

**Bookmark Your Dates**

**3rd World Congress on**

**GIS & Remote Sensing**

**Website:** [www.gis-remotesensing.conferenceseries.com](http://www.gis-remotesensing.conferenceseries.com)