Scientific Programme

3rd World Congress on

GIS & Remote Sensing

September 20-21, 2017 Charlotte, USA



Conference Series - America
One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
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Conference Series - UK
Kemp House, 152 City Road, London EC1V 2NX, Toll Free: +1-800-216-6499

Day 1 September 20, 2017

09:15-09:45 Registrations

Hall - Earhart C

conferenceseries.com 09:45-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:50 **Title: Space borne InSAR and urban subsidence: From theory to practice**
Yong Wang, East Carolina University, USA

Group photo @ 10:50-11:00

Coffee Break 11:00-11:20 @ KittyHawk

11:20-12:10 **Title: Will too much data hurt the drone industry**
Jason San Souci, PrecisionHawk, USA

12:10-13:00 **Title: Characteristics of aerosol optical properties during major dust events over Kuwait**
Ismail Sabbah, College of Health Sciences, Kuwait

Lunch 13:00-14:00 @ KittyHawk

Sessions: GIS | Geoinformatics | Remote Sensing | GIS in Mapping | GIS & RS in Climate Change

Session Chair: Yong Wang, East Carolina University, USA

Session Introduction

14:00-14:30 **Title: Planning with natural disasters land use analysis using GIS and remote sensing case: La Guaira, Venezuela**
Eduardo Rendon, APD Urban Planning & Management, USA

14:30-15:00 **Title: Why the most expensive drone is not always better: Fixed-wing platform vs. prosumer multi-rotor platforms when used for visual spectrum aerial mapping**
Eric Harkins, Back Forty Aerial Solutions, USA

15:00-15:30 **Title: Enhancing situational awareness by mining big social media data in near-real time for disaster management**
Zhenlong Li, University of South Carolina, USA

15:30-16:00 **Title: Hyperspectral remote sensing of water quality parameters in lakes: A case study of Hyderabad city, Telangana state, India**
Anji Reddy Mareddy, JNT University, India

Coffee Break 16:00-16:30 @ KittyHawk

16:30:17:00 **Title: Applications of GIS in spatial visitor management of protected areas**
Isabelle D Wolf, University of New South Wales, Australia

17:00-17:30 **Title: Urban growth and fuelwood distribution in dry tropical Africa: A next challenge for sustainable management of protected areas**
Gervais W Tabopda, Georgia Institute of Technology, USA

Panel Discussion

Day 2 September 21, 2017

Hall - Earhart C

Sessions: Remote sensing Applications | GPS & Photogrammetry |GIS & RS in Renewable Energy

Session Chair: Ismail Sabbah, College of Health Sciences, Kuwait

Session Introduction

09:00-09:30 **Title: Precise agricultural monitoring based on sensor network and satellite remote sensing: Saving water usage of orchards in California**
Kentaro Kuwata, FarmX, USA

09:30-10:00	**Title: Wild fire mapping in Asia Pacific region by advanced Himawari-8 Imager (AHI)** **Hironori Arai,** The University of Tokyo, Japan
10:00-10:30	**Title: Suitability analysis for locating transit-oriented development in Charlotte, North Carolina** **Robert M. Gooljar Jr,** University of North Carolina, USA
	Coffee Break 10:30-11:00 @ Hub Bar & Grill
11:00-11:30	**Title: Assessing sediment pollution off deltaic region using sediment budget as a tool: A simple geospatial approach using satellite data** **Mahender Kotha,** Goa University, India
11:30-12:00	**Title: Creating 3D city models from LiDAR & Remote sensing data** **Geoff Taylor,** Esri, USA
12:00-12:30	**Title: A comparison between the results of hormuz strait wave simulations using WAVEWATCH-III and satellite altimetry observations** **Fatemeh Sadat Sharifi,** Islamic Azad University, Iran
12:30-13:00	**Title: Aerosol remote sensing by using cloud-based height detection Lidar** **Siwei Li,** Howard University, USA
	Lunch 13:00-14:00 @ Hub Bar & Grill
	Poster Session @ 14:00-15:00
GIS 01	**Title: Cloud detection based on global and direct horizontal irradiances from UV and VIS multi-filter rotating shadow band radiometers** **Melina Maria Zempila,** Colorado State University, USA
GIS 02	**Title: Using a HAA-based multi-payload synchronized observation system to monitor grasslands on Qinghai plateau** **Aiwu Zhang,** Capital Normal University, China
GIS 03	**Title: Development of the dynamic model of the Aguascalientes Valley water basin** **Blanca Delgado,** INEGI, Mexico
GIS 04	**Title: Using GIS and remote sensing to identify environmental variables of malaria vector breeding sites in western Kenya** **Sydney Neeley,** Duke University, USA
	Panel Discussion
	Awards & Closing Ceremony