

conference series LLC Ltd

3<sup>rd</sup> International Convention on

# GEOSCIENCES AND REMOTE SENSING

October 19-20, 2018 | Ottawa, Canada



## Conference Hall: Douglas Suite

09:00-09:30 Registrations

09:30-09:45 Opening Ceremony

### Keynote Forum

#### Introduction

10:00-10:45 **Title: Magnetotelluric investigation of the Colorado front range thrust fault between Castle Rock and Colorado Springs, Colorado**  
Ernest Berkman, Emerald Exploration Consultants, Inc, Canada

#### Panel Discussion

Networking & Refreshment Break 10:30-11:00 @ Foyer

11:00-11:45 **Title: Ichnological evidence for bioturbation in an ancient lake at Vera Rubin Ridge, Gale Crater, Mars**  
Barry E DiGregorio, University of Buckingham, England

11:45-12:30 **Title: Cosmic rays and clouds variations effect on the climate is insignificantly**  
Habibullo I Abdussamatov, Pulkovo observatory of the RAS, Russia

#### Panel Discussion & Group Photo

Lunch Break 12:30-13:30 @ Foyer

13:30-14:15 **Title: The creation of a science data lifecycle model: The U.S geological survey approach**  
John Faundeen, EROS Center, USA

14:15-15:00 **Title: Soil particles of different sizes impact the resistance of nitrite oxidizers to diverse fertilization regimes**  
Wenli Chen, Huazhong Agricultural University, China

15:00-15:45 **Title: Remote sensing of the earth from the surface of the moon on monitoring energy budget and climate**  
Habibullo I Abdussamatov, Pulkovo Observatory of the RAS, Russia

#### Panel Discussion

Networking & Refreshment Break 15:45-16:15 @ Foyer

Sessions: Geosciences | Climate Change | Remote Sensing | Applications of Remote Sensing | Green Energy | Geology | Geophysics | Environmental Geology | Petrology and Mineralogy | GIS

Session Chair: Ernest Berkman, Emerald Exploration Consultants, Inc., USA

Session Co-Chair: John Faundeen, EROS Center, Sioux Falls, USA

Session Introduction

16:15-16:45 **Title: Exploring the sensitivity of soil sample numbers in digital soil mapping and then choosing a suitable soil sampling plan**  
Long Guo, Huazhong Agricultural University, China

16:45-17:15 **Title: An HSV and LBP-based method for identifying surface state**  
Xiaojie Li, Northeast Institute of Geography and Agroecology, China

#### Panel Discussion

#### Young Researchers Forum

17:15-17:45 **Title: Himalayan Foreland basin : A perspective and Endeavours**  
Vishavjeet Singh Goraya, University of Petroleum and Energy Studies, India

#### Panel Discussion

## Keynote Forum

**10:00-10:45** Introduction  
**Title: Regional geology and petroleum potential of Cuba, Florida, and the Bahama Bank utilizing public domain data**  
Ernest Berkman, Emerald Exploration Consultants Inc., Canada

### Panel Discussion

**Networking & Refreshment Break 10:45-11:00 @ Foyer**

**11:00-11:45** **Title: The solar irradiance defines the climate**  
Habibullo I Abdussamatov, Pulkovo observatory of the RAS, Russia

Sessions: Geosciences | Climate Change | Remote Sensing | Applications of Remote Sensing | Green Energy | Geology | Geophysics | Environmental Geology | Petrology and Mineralogy | GIS

Session Chair: Ernest Berkman, Emerald Exploration Consultants, Inc., USA

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### Session Introduction

**11:45-12:15** **Title: Empirical relationships between geomechanical parameters in one of the oil field, Persian Gulf, Southeastern Iran**  
Ghafoori Mohammad, Ferdowsi University of Mashhad, Iran

### Video Presentation

**12:15-12:45** **Title: Integrating Airborne LiDAR and Terrestrial Laser Scanner forest parameters for accurate estimation of above-ground biomass/carbon in Ayer Hitam tropical forest reserve, Malaysia**  
Muluken N Bazezew, Dilla University, Ethiopia

### Panel Discussion

**Lunch Break 12:45-13:45 @ Foyer**

### Young Research Forum

**13:45-14:15** **Title: Depositional environment and tectonics during the sedimentation of Jodhpur and Bilara Groups of Rocks, Marwar Supergroup of India**  
Vishavjeet Singh Goraya, University of Petroleum and Energy Studies, India

**14:15-14:45** **Title: A simplified approach to hydraulic units' prediction with the aid of wireline logs**  
Richardson Abraham-Adejumo, University of Sao Paulo, Brazil

### Poster Presentations 14:45-15:45

Poster Judge: John Faundeen, EROS Center, USA

**P 01** **Title: Towards the selection of an optimal global geopotential model for the computation of the long-wavelength contribution: A case study of Ghana**  
Caleb Iddissah Yakubu, Hohai University, China

**P 02** **Title: Research and implementation of a universal workflow model to evaluate the soil fertility based on OGC Web Services**  
Jiaying Chen, Huazhong Agricultural University, China

**P 03** **Title: Cloud service platform system of county-scale remote sensing information products based on high-resolution satellite images**  
Longfang Duan, Yongtao Jin, North China Institute of Aerospace Engineering, China

**P 04** **Title: Geological and geochemical characteristics of the Triassic Chang 7 lacustrine source rocks, Ordos Basin, China: Implications for paleoenvironment, organic matter source, petroleum potential and tight oil occurrence**  
Luofu Liu, University of Petroleum, China

**P 05** **Title: Exploring radiative transfer model inversion of canopy properties of oilseed rape by numerical optimization based on simulation and field experiments**  
Shanqin Wang, Huazhong Agricultural University, China

**P 06** **Title: Gas hydrates: A major energy resource of India for the next generation**  
Vishavjeet Singh Goraya, University of Petroleum and Energy Studies, India

### Panel Discussion

**Networking & Refreshment Break 15:45-16:15 @ Foyer**

**Thanks Giving & Closing Ceremony**