

162nd Conference
Scientific Federation



HOLIDAY INN Prague Congress Centre Na Pankráci
15/1684, 140 21 Prague 4, Czech Republic



Scientific Program

2nd International Conference on

Earth Science & Geo Science

August 12-13, 2019 | Prague, Czech Republic



Scientific Federation

Panjugutta, Hyderabad, Telangana-500082, India

Day 1 August 12, 2019

Ashton 3

- 08:00-09:00 Registrations
09:00-09:15 Introduction & Opening Words

Plenary Forum

- 09:15-09:55 **Title: Challenges in Predictions of 21st Century Precipitation Extremes—focus over the Mediterranean & Mid-East**
Pinhas Alpert, Tel Aviv University, Israel
- 09:55-10:35 **Title: Carbon Capture and Utilization: The Development of Smart and Multifunctional Ceramic Breathing Tile**
Esam Elsarrag, beGREEN GLOBAL, United Kingdom
- 10:35-11:15 **Title: Kurdistan Foreland Basin Generation, Development and Terminations, from the Cretaceous towards Quaternary, NE/Iraq**
Fadhil Ahmed Ameen, University of Sulaimani, Iraq

Refreshments Break 11:15-11:30 @ Foyer

- 11:30-12:10 **Title: Using Compromise Programming and Fuzzy Set Approaches in GIS for Spatial Based Land Resource Assessment and Decisions**
Sumbangan Baja, Hasanuddin University, Indonesia

Keynote Forum

- 12:10-12:40 **Title: Groundwater Residence Time and Palaeohydrology in the Baltic Artesian Basin (Bab) Isotope Geochemical Data**
Rein Vaikmae, Tallinn University of Technology, Estonia
- 12:40-13:10 **Title: Element Organic Derivatives of Nitro Compounds**
Sema L. Ioffe, N. D. Zelinsky Institute of Organic Chemistry, Russian Federation

13:10-13:15 **Group Photo**

Lunch Break 13:15-14:00 @ Restaurant

- 14:00-14:30 **Title: New Mineral: Zinconigerite-2N1S Znsn₂a112o₂₂ (OH)₂**
Can Rao, Zhejiang University, China
- 14:30-15:00 **Title: Flood Damage Analysis: First Floor Elevation Uncertainty Resulting from Lidar-Derived Digital Surface Models**
Jose Maria Bodoque del Pozo, University of Castilla-La Mancha, Spain
- 15:00-15:30 **Title: The Intersectionality of Colonialism and Gikuyu Land Tenure Systems: A Feminist Political Ecology Perspective**
Esther Wangari, Towson University, United States
- 15:30-16:00 **Title: Recycling and Circular Economy: An Opportunity to Improve Municipal Solid Waste Management Sector**
Mervat El-Hoz, University of Balamand, Lebanon

Refreshments Break 16:00-16:15 @ Foyer

- 16:15-16:45 **Title: The Leaching of Sub-Florescent Soils as used in the Ancient Qanat Karez Technology to Produce a Modern Cheap Solution for Controlling and Adjusting Marginal World Albedo**
David Bloch, M R Bloch Salt Archive, Israel

Invited Talks

Sessions **Geophysics | Climate Change**

Session Chair **Seemin Mushir, Jamia Millia Islamia University, India**

- 16:45-17:10 **Title: Shear Wave Attenuation Models, Local Soil Conditions and Seismic Hazard Assessment of Tbilisi, Georgia**
Nato Jorjishvili, Iliia State University, Georgia
- 17:10-17:35 **Title: Temperature Changes over India in 21st Century a Quantitative Analysis using Climate Wizard Tool**
Seemin Mushir, Jamia Millia Islamia University, India

Closing the Conference for the Day 1

Day 2 August 13, 2019

Ashton 3

Invited Talks

Sessions Geology | Urban Geology | Engineering Geology | Atmospheric Chemistry and Atmospheric Physics | Geoinformatics | Geological Heritage | Applied Geology | Geophysics

Session Chair WU KONGYOU, China University of Petroleum, China

Session Co-chair Ia Shengelia, Ilia State University, Georgia

10:00-10:25 **Title: Quantitative Characterization of Tectonic Activity in Eastern Junggar Basin**

WU KONGYOU, China University of Petroleum, China

10:25-10:50 **Title: How Much High-Quality Soil has been Sealed in the Czech Republic?**

Vladka Kirschner, Czech University of Life Sciences, Czech Republic

10:50-11:15 **Title: Suppression of Crack Growth in Rock by Precipitation of Calcium Carbonate**

Yoshitaka Nara, Kyoto University, Japan

Refreshments Break 11:15-11:30 @ Foyer

11:30-11:55 **Title: Geochemistry of Atmospheric Aerosols in Natural Landscapes of the South of Russia**

Tatiana Kuderina, Russian Academy of Sciences, Russian Federation

11:55-12:20 **Title: Multicriterion Gis**

Adrian Oscar Bussolini, FCEIA-UNR, Argentina

12:20-12:45 **Title: Geological Heritage Protection and Geo-Tourism of China's National Geoparks**

Xuegong Xu, Peking University, China

12:45-13:10 **Title: Development of a Rational Methodology for Soil Geotechnical Characterization**

Alvaro Boiero, Andres Bello Catholic University, Venezuela

Lunch Break 13:10-14:00 @ Restaurant

14:00-14:25 **Title: Coal and Oil Shale Ashes are Valuable Commodities and not Combustion Residues**

Haim Cohen, Ariel University, Israel

14:25-14:50 **Title: Variation of Intrinsic and Scattering Attenuation of Seismic Waves with Depth in Racha Region in Georgia**

Ia Shengelia, Ilia State University, Georgia

14:50-15:15 **Title: A Unified Approach to Environmental Monitoring and Analysis via Continuous Multi-Angle Remote Sensing and Ubiquitous Sensing**

Yee Leung, The Chinese University of Hong Kong, Hong Kong

Poster Presentations

P-001 **Title: Preventive Identification of Geohazards for Urbanization. Case Study in Northern Algeria**

Mohamed Osamani, CGS (National center of Earthquake Engineering research), Algeria

P-002 **Title: Assessment of the Impact of Mountain Orography on Precipitation, Snow Cover and River Hydrology**

Inom Normatov, Hydropower and Ecology AS, Tajikistan

P-003 **Title: The Correlations Between the Spherical Free-Air Gravity and Aeromagnetic Data of Western Turkey along with Different Profile Directions**

Oya Pamukcu, Dokuz Eylul University, Turkey

P-004 **Title: Use of Geophysical Measurements in Mineral Reserve Estimation**

Oya Pamukcu, Dokuz Eylul University, Turkey

Panel Discussion

End of the Conference

Bookmark Your Dates

3rd International Conference on

Earth Science & Geo Science

August 10-11, 2020 | Atlanta, USA

