1st Indian Near Surface Geophysics Conference & Exhibition
(International Conference & Exhibition)

November 28-29, 2019, New Delhi, India

Organized by

AF Academy

EAGE

EUROPEAN ASSOCIATION OF GEOSCIENTISTS & ENGINEERS
AF Academy and the European Association of Geoscientists & Engineers (EAGE) are excited to announce that the 1st Indian Near Surface Geophysics event is being organized in New Delhi, India. We look forward to welcome all of you to join us in beautiful India in November 2019.

Near-surface geophysics is the use of geophysical methods to investigate features in the shallow (tens to hundreds of meters) subsurface. The objectives of near-surface geophysics are often noninvasive investigations of pollution problems, obtaining engineering information, locating and defining archaeological sites, near-surface structural features such as paleochannels and faults, cavities and tunnels, minerals, groundwater, pipelines, etc. It is closely related to applied geophysics or exploration geophysics. Methods used include seismic refraction and reflection, gravity, magnetic, electric, and electromagnetic methods. Many of these methods were developed for oil and mineral exploration but are now used for a great variety of applications, including archaeology, environmental science, forensic science, military intelligence, geotechnical investigation, mineral exploration, and hydrogeology.

Near-surface geophysics is being extensively used in India for various engineering, environmental, mining, ground water, archaeological and forensic applications. The conference is being organized to bring various stakeholders on a common platform, share the experiences and deliberate upon ways and means to increase use of geophysics for various application areas.

The conference is being organized along with exhibition. Various new technologies and products have emerged in the field of geophysics and exhibition provides a platform for display of these technologies and products.

**Committee:**

The technical committee of the conference includes professionals from around the world to ensure adequate participation and meaningful deliberations. Following is the initial list of committee members (in alphabetical order of first name) and more members are likely to be added.

- Dr. A K Chaturvedi, Ex-Dy Director, Atomic Minerals Directorate, India
- Mr. A. Markandeyulu, Head (Geophysics), Atomic Minerals Directorate, India
- Mr. Ajay Kumar Singh, Director, DMT Consulting Private Limited, India
- Mr. Alex Varughese, Scientist C, CSMRS, New Delhi
- Dr. Debejyot Mondal, Coal India Limited, India
- Mr. Gopal Dhawan, Ex CMD, Mineral Exploration Corporation Limited, India
- Mr. K Karunakar Rao, DataCode, India
- Prof. Dr. Lehmann Bodo, DMT GmbH & Co. KG, Essen, Germany
- Dr. Nick Martakis, Seismotech, Greece
- Dr. Paras Pujari, Principal Scientist, NEERI, India
- Mr. Reinaldo Alvarez Cabrera, Geoscaners AB, Sweden
- Prof. Rosli Bin Sa’ad, Malaysia
- Dr. S C Singh, Scientist, CGWB, Bhopal, India
- Mr. S L Kapil, General Manager (Geotech), NHPC, India
- Dr. Stefano Princa, Solgeo, Italy
- Dr. Sanjay Rana, Chairman, AF Academy & MD, PARSAN, India
- Prof. Shakeel Ahmed, Jamia Millia Islamia, New Delhi
- Dr. Sumer Chopra, Director, Institute of Seismological Research, India
- Mr. Toke Højbjerg Søltoft, Aarhus GeoSoftware, Denmark

**Themes & Topics**

Following themes broadly describe the focus areas of deliberations, with a certain degree of overlapping. The structure has been deliberately kept flexible and will evolve depending on research contributions received from the participants. The minimum coverage topics of conference are:

- Engineering Geophysics - application in geotechnical investigations, site characterization, tunnel route studies, bridge foundation studies etc.
- Water Resources Geophysics - hydrogeophysics & hydrogeology, climate, contamination survey, etc.
- Mining Geophysics - Mineral Exploration, Geosciences for surface mining and safety, open cut mining, slope stability, tailings dam, etc.
- Archaeological Geophysics - Geophysics for archaeology and cultural heritage
- Dam Geophysics - Geophysics for investigation of dams and appurtenant structures
- Geohazards and Disaster Mitigation - quick clay, landslide, liquefaction, earthquake, volcanic eruption, tsunami, ground subsidence etc.
- Petroleum Exploration – improving deep images by understanding near-surface.
- Shallow marine geosciences
- Geophysics for forensics detection
The methods in focus are as under:

- Seismic (Refraction, Shallow Reflection, MASW, ReMi)
- Electrical (ERI, VES, IP, GRP)
- Electromagnetic, Magneto telluric
- Ground Penetrating Radar
- Gravity & Magnetic
- Borehole Geophysics (Well Logging, Tomography, Crosshole/ Downhole)
- Other Geophysical Methods - Radiometry, Thermal, etc.
- Marine Geophysics Methods- SBP, SSS etc.
- New Emerging Technologies and Instrument Development

Call for Abstracts

An abstract of no more than 500 words is to be submitted containing complete information on the following:

- Proposed title of less than 15 words.
- Full name of author and co-authors.
- Full contact address of corresponding author (including telephone, fax and e-mail).
- Identification of the Congress theme most closely related to the paper. After confirming the acceptance of the presentation, authors will be required to send a complete version of the paper that will be included in the proceedings volume / CD ROM of the Congress.
- Five keywords of the paper.

Abstract can be sent by e-mail to info@aquafoundation.in. *The last date for submitting abstracts is 20th August, 2019

Register as Delegate

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<th>Delegate Type</th>
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Registration fee includes entrance to the conference & exhibition, conference kit, coffee/ tea, lunch

- 10% discount on group of 3 or more delegates nominated from a single organization is applicable.
- No discounts for Students and Accompanying Persons (Spouse only).
- GST 18% is applicable.

Exhibition Opportunities

The event provides an ideal platform to showcase your products and services to decision makers and policy makers, in the field of near surface geophysics. Products of interest for exhibition include, but are not limited to:

- Geophysical Equipment Manufacturers/ Representatives
- Geophysical Service Providers
- Geophysical Software Developers

Entitlements

- Company logo on event website
- Company logo on venue hoardings
- 1 delegate pass to attend the Conference
- 1 Table & 2 chairs
- Power socket (inclusive of standard power consumption)

Various options of display are available

For more information please contact : Praggya Sharmaa (Ms), Organizing Secretary at +91 9818568825, +91 9873556395, Telefax: +91-11-41318030

OR

Email at info@aquafoundation.in

European Association of Geoscientists & Engineers (EAGE)

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Kuala Lumpur - Malaysia

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Industry Presentation

15 minutes special commercial/promotional slot is available to the industry to make presentations on their latest techniques, solutions, new discoveries, latest innovations, major break-through, etc. This is the opportunity to present your technology to policy makers, decision makers, stakeholders, consultants and end users.

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Date: 28th - 29th November, 2019

Venue: Hotel Le Meridien
New Delhi, India

Contact Details:
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