



# 37<sup>th</sup> ANNUAL CONVENTION SEMINAR AND EXHIBITION ON EXPLORATION GEOPHYSICS

Special Theme  
**Recent advances in Geoexploration  
of Mineral Resources :  
Present Practices and Future Challenges**

- **WORKSHOP** **15 October, 2015**
- **TECHNICAL SESSIONS** **15-17 October, 2015**
- **EXHIBITION** **15-17 October, 2015**

## IMPORTANT DATES

- Last Date for Submission of Abstract **31<sup>st</sup> July, 2015**
- Last Date for Submission of Full Paper **15<sup>th</sup> September, 2015**
- Last Date for Seminar Registration **5<sup>th</sup> October 2015**

Abstract and Full Papers may be sent by Email to  
[aegindiageophysics@yahoo.com](mailto:aegindiageophysics@yahoo.com)

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## Association of Exploration Geophysicists

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**Shri. Sujeet Kumar**

Asst. Hydrogeologist, CGWB, Jaipur

## ANNOUNCEMENT



# 37<sup>th</sup> ANNUAL CONVENTION SEMINAR AND EXHIBITION ON EXPLORATION GEOPHYSICS

*Special Theme*

**Recent advances in  
Geoexploration  
of Mineral Resources :  
Present Practices and  
Future Challenges**

### Executive Committee

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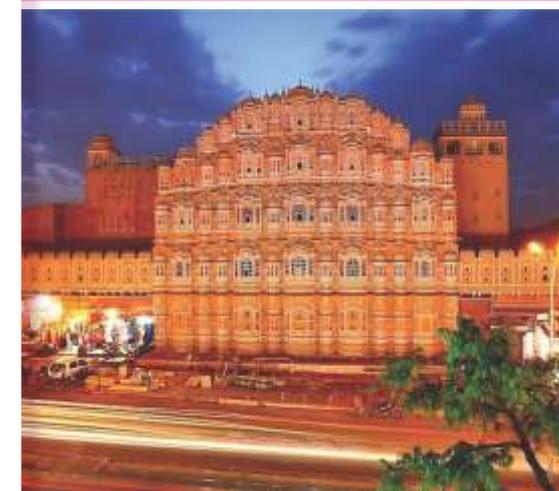
#### Seminar Conveners

**Dr. A.K. Chaturvedi**

**Dr. Dinesh Gupta**

#### Organising Secretary

**Sri. A. Markandeyulu**



**15 - 17 October, 2015**  
**Hotel Radisson Blu, Jaipur**  
**Rajasthan, INDIA**



The **Association of Exploration Geophysicists (AEG)**, a registered non-profit organization established in 1974 is one of the oldest scientific organizations in India. Starting with a modest beginning of 30 members in 1974, AEG presently has a membership of 1500 members from various fields viz., higher education, industry, basic research, applied geosciences, governmental institutions, universities, Oil & Gas, Mineral and Groundwater organizations and private sector companies. The main goal of the association is strengthening of geoscientific awareness in the country by effective co-ordination of research and investigation in exploration geophysics and allied disciplines. The Association serves actively to build the bridge between the academic experts, practitioners and R&D needs of the industry by conducting seminars and workshops. The Association has completed 40 fruitful and glorious years of service to the cause of Geophysics in the country.

### Seminar on Exploration Geophysics

The Association has successfully conducted 36 annual meetings and seminars with special themes of topical interest and national importance. AEG seminars are organized in different parts of India to enthuse and involve geoscientists from various geoscientific organizations, academic experts from universities and IIT's, practitioners, geoscience service providers and Industry experts and bring them to a common platform. AEG seminars serve to build the bridge between the geoscientists, academic experts, practitioners and R&D experts in the field of earth sciences. AEG annual conventions have come to be viewed as a rallying point for earth scientists in India and ever increasing numbers in the conventions is a testimony to the support the Association receives from the geoscientists in India and abroad.

AEG will be organizing its 37<sup>th</sup> Annual Convention and Seminar at Hotel Radisson Blu, Jaipur, Rajasthan, India during 15-17 October, 2015 with a special theme on Recent advances in Geoexploration of Mineral Resources: Present Practices and Future Challenges.

Minerals influence every aspect of human life and are essential for supporting economic growth, improving and maintaining quality of life and for the functioning of modern society. Mineral assets of any country play a direct role in the growth and prosperity of a country and its people. For India to flourish as a major global economic power, it is imperative to achieve self reliance in mineral resources including coal, oil and atomic minerals by adopting latest mineral exploration techniques and technologies. By sustained efforts in mineral exploration over the last few decades, the Indian geoscientists have contributed significantly in enhancing the mineral reserves of the country, however, there is an urgent need to adopt innovative techniques in mineral exploration for locating high grade mineral deposits. Geoscientist today is greatly benefited with the advancements in exploration techniques and instrumentation for better understanding mineral deposits in relationship to external and internal processes of the earth. Recent innovations in data processing and interpretation techniques allowed to quickly and efficiently manage, process, model and visualize large and complex digital datasets. At present, the geoscientists are faced with a challenge of locating undiscovered and/ or deep-seated and concealed mineral deposits as most of the easily accessible and near surface mineral deposits are either mined out or are presently under production. This will require improved understanding of the subtle signatures of mineral deposits by systematic application of state-of-the-art geophysical techniques and multi-elemental geochemical investigations. The application of innovative integrated geoexploration techniques with emphasis on advanced 3D modelling facilitates in holistic understanding of subsurface geology and metallogenic modeling. The seminar aims to deliberate on mineral targeting



by utilizing advanced mineral exploration and resource characterization technologies to aid in long-term planning and policy-making for future security of mineral resources in the country.

Various National Organisations, Government departments and Private agencies engaged in diverse geoscientific activities will participate and sponsor the seminar. The programmes scheduled for the seminar includes oral and poster presentations on various themes related to recent exploration techniques in geophysics and emerging trends in advanced processing and interpretation of geoscientific data. The seminar is expected to attract a number of renowned geoscientists from India and abroad who will be presenting technical papers on the state of art practices in geosciences. This seminar will be of immense value to professional geoscientists, industrial planners, investors, engineering geologists and research scholars of geosciences. The delegates of the seminar will get an opportunity to share a comprehensive review of the geophysical, geological, engineering and educational challenges. The seminar serves as a unique interdisciplinary platform for the delegates to enjoy a broad spectrum of geology, geophysics and related technologies in the technical sessions, poster sessions and exhibition.

### Seminar Themes:

- **Geoexploration : Present trends and Future technologies**
- **Geophysical Exploration for Minerals including Coal and Atomic Minerals**
- **Geophysical Exploration for Hydrocarbons**
- **Airborne Geophysical Surveying**
- **Near Surface Geophysics –Engineering and Environmental Studies**
- **Geophysics in Groundwater and Hydrology**
- **Advanced Modeling, Inversion and Interpretation of Geophysical Data**

### Call for Papers

Papers are invited from participating scientists as per the guidelines of Journal of Geophysics. Leading senior scientists have been identified as conveners for various themes. Authors are requested to indicate the most suitable theme under which their paper should be evaluated by the conveners/referees. The number of papers for the seminar is restricted to 50 Oral presentations and 20 Poster presentations. A one full page abstract (Microsoft word) is required to be submitted by the participants who would like to present their research work either in the form of poster and/or oral presentations. The last date for submission of the abstract is on or before 31<sup>st</sup> July, 2015. All accepted abstracts will be intimated before 7<sup>th</sup> August, 2015. Authors whose papers are accepted will be required to submit full papers before 15<sup>th</sup> September, 2015. Only full papers received before due date will be considered for presentation in the seminar. Original scientific contributions are encouraged and invited. Review articles are discouraged. Authors are requested to send two hard copies and a CD/email the text of the paper in MS Word version.

Authors are requested to send technical papers which follow one of the conference themes. They should include

- Full title of the subject
- Name of author (s) and affiliation of all authors, and full mailing address with contact no. (Land Line / Mobile) and Email ID of the corresponding author.

Only those scientific papers for which the Registration form and fees is received by the AEG Secretariat before 15<sup>th</sup> September, 2015 will be considered for presentation. All delegates are advised to register for the seminar well in advance.



### AEG Awards

The papers presented in the seminar will be judged by a panel of experts. The best two papers will be presented with M.B.R.Rao Gold Medal and Prof. P.K.Bhattacharya Gold Medal during the Valedictory function.

### Exhibition

An exposition highlighting the state of the art techniques, geophysical and allied instruments, service and products of national and international vendors and geoscience software will be organised during the seminar. The exhibition will enable the delegates to gain a comprehensive overview of the products and services available as well as an opportunity to discuss the latest developments with representatives from the major companies serving the needs of the exploration industry. Exhibits are expected to span all the sectors of the exploration industry – petroleum, minerals, coal, groundwater, engineering and environment. A wide range of publications of AEG and other institutions will also be exhibited. Further details can be obtained from the AEG office. There will be a Best Exhibitor Award which will be decided by an expert panel.

### Invitation to Exhibitors and Sponsors

AEG extends heartiest invitation to Exhibitors and sponsors to the 37<sup>th</sup> Annual convention and Seminar on Exploration Geophysics where one will have unique access to marketing and publicity opportunities. The conference will bring together national and international delegates from government, industry and education with interest in application of geophysics from mineral, petroleum, coal, ground water, engineering and environmental studies. As an Exhibitor and/or Sponsor, companies will have unique access to the marketing and publicity opportunities.

### Sponsorship Opportunities

Various Event sponsorship opportunities are available for the Seminar which includes Platinum, Gold, Silver sponsorships etc

### Workshop on : Geophysical Inversion modeling for resource exploration

#### Registration Information

<b>Delegate-Member AEG</b>	<b>Rs. 3,000/-</b> (US\$ 250 for Foreign Delegates)
<b>Delegate-Non- Member AEG</b>	<b>Rs. 5,000/-</b> (US\$ 400 for Foreign Delegates)
<b>Delegate - Research Scholar</b>	<b>Rs. 1,000/-</b>

#### IMPORTANT DATES

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## Association of Exploration Geophysicists

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### 37<sup>th</sup> ANNUAL CONVENTION SEMINAR AND EXHIBITION ON EXPLORATION GEOPHYSICS

15-17 October, 2015, Jaipur, India

#### Registration Form

**Please complete and forward this form to:**

The Secretary,  
Association of Exploration Geophysicists  
12-13-266, Street No.15, Tarnaka Hyderabad- 500 017

#### Section A: Delegate

Title: (Prof./Dr./Mr./Ms/Mrs.)	Name :	
Position		
Organization		
Postal Address		
City	Pin Code	Country
Phone	E-mail	

#### Section B: Registration Fees

Delegate-Member AEG Rs. 3,000/- (US\$ 250 Foreign Delegates)  
Delegate-Non-Member Rs. 5,000/-(US\$ 400 Foreign Delegates)  
Delegate-Research Scholars Rs. 1000/-

#### Section C: Workshop Registration Fees

Delegates Rs. 1,000/- (US \$ 100)

I wish to participate in the Workshop: Yes / No

All Cheques, Demand Drafts, Money Order must be payable to Secretary, Association of Exploration Geophysicists, Hyderabad. Foreign delegates are required to pay in US Dollars. The Registration fee may also be credited directly through electronic transfer (ECS) and the details of payment intimated by mail to [aegindiageophysics@yahoo.com](mailto:aegindiageophysics@yahoo.com). Details of the bank account of AEG are provided below.

#### Fee Enclosed

DD No : Bank :  
Dated : Amount :

Signature :

Date :

Details of bank account of AEG for sending the amount directly through electronic transfer

- Account Holder Name: Association of Exploration Geophysicists
- Bank name: State Bank of Hyderabad, Osmania University Branch, Hyderabad.
- Bank account of number: 52198268342
- MICR code: 500004044
- Indian Financial System Code (IFSC): SBHY0020071