

ABSTRACT VOLUME:

The 52nd Annual Convention will bring out an abstract volume containing messages from luminaries, geoscientific work of eminent scientists/researchers, and advertisements from Sponsors (Institutes, Industries and Instrument Manufacturers etc).

The tariffs for publication of Advertisements are listed below:

Inside front cover (color):	Rs. 40,000/-
Inside back cover (color):	Rs. 30,000/-
Back Cover (color):	Rs. 60,000/-
Full Page (Color):	Rs. 25,000/-
Full Page (BW):	Rs. 15,000/-

Those who are interested in publication of their products/details of their organisation need to send necessary information to: igu123@gmail.com by 15th September 2015.

The tariff has to be paid in favour of: Treasurer, Indian Geophysical Union, payable at Hyderabad.

THEMES OF THE CONVENTION

The main theme on "Near Surface Earth System Science" contains the following sub-themes:

Solid Earth Geosciences

Earthquakes and Geo-hazards
Hydrocarbon, Groundwater and Mineral Exploration
Crustal and Lithospheric Studies
Continental Deep Drilling in India

Marine Geosciences

Scientific Drilling in Indian Ocean
Structure and Tectonics of Indian Ocean
Marine Resources

Space, Planetary & Atmospheric Sciences

Aerosols and Monsoon Studies
Coupling of Ionosphere and Atmospheric System
Remote Sensing and Glacier Dynamics

In addition to above themes, a half day session will be devoted to 'Young Researchers Program' by those who are pursuing Ph.D. in Earth Sciences.

ONGC-IGU Best Poster Awards

ONGC-IGU cash prizes will be awarded to two students and two research scholars below 30 years (as on 1st January of 2015) for pursuing quality research in the field of Geosciences.

Prof. Jagdeo Singh & Dr. S. Balakrishna Memorial Grant

Meritorious students of Geophysics/App. Geophysics will be provided the second sleeper class fare, local hospitality, accommodation and registration fee waiver to participate in the Annual Convention of IGU. Names of the first and second rank holders of pre-final examination (PG) are to be forwarded to IGU by the Head of the Department of Geophysics/App Geophysics of recognized University.

Anni Talwani Memorial Grant for Women Researcher

Indian women researchers/students below 28 years (as on 1st January of 2015) are encouraged to participate in the Annual Convention

through this grant. The selection of grantees will be based on the merit of a full paper submitted to the Annual Convention by an applicant, certified by the Head of the Department/Organization. The 3rd AC class fare, accommodation and registration fee waiver will be provided to four grantees.

REGISTRATION FEES

All delegates must register in advance for participation in this Annual Convention. The enclosed registration form may be filled and sent to Dr. Kalachand Sain, Hon. Secretary, Indian Geophysical Union (IGU), CSIR-NGRI Campus, Uppal Road, Hyderabad-500 007 along with fees as per details below:

General	-	Rs.3,000/-
Fellows and Members of IGU -		Rs.2,000/-
Research Scholars	-	Rs.1,000/-
Research Scholars (IGU Members)	-	Rs. 500/-
Students	-	Rs. 500/-
Student Members of IGU	-	Free
Spouse / Accompanying Person	-	Rs.1,500/-

The registration fee is towards participation in the 52nd Annual Convention (includes seminar material, extended abstract volume, three lunches, two dinners and snacks during the Convention. The accompanying person(s) will not be entitled for the Convention material and the extended abstract volume.

MODE OF PAYMENT

The payment may be sent by

1. Money Transfer/NEFT/RTGS (Inter-Bank Transfer), to Treasurer, Indian Geophysical Union, State Bank of Hyderabad, Habsiguda Br., Uppal Road, Hyderabad
IFSC code: SBHY0020087; Branch code: 20087, A/C no:52191021424.
2. Crossed demand draft, drawn on any Nationalised / Scheduled Bank in favour of TREASURER, INDIAN GEOPHYSICAL UNION, payable at Hyderabad.
3. Wire transfer for Foreign remittance through MICR Code: 500004020, Swift Code: SBHYINBB028.

ACCOMMODATION

The participants will be accommodated mostly in the University guest house/city hotels on payment basis. Delegates are requested to send their accommodation requirements well in advance to the Local Organising Convener with a copy to igu123@gmail.com by 1st October, 2015.

EXHIBITION/STALLS

An exhibition of geophysical and allied instruments will be organized during the Annual Convention. The exhibitor will be given a slot of 5 minutes for oral presentation of their exhibits to the delegates and participants during the Convention that will enable delegates / participants to gain a comprehensive overview of the products and services available as well as an opportunity to discuss the latest developments with the exhibitors. Exhibition / Demonstration Fees: Rs.75,000/-

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INDIAN GEOPHYSICAL UNION

52nd Annual Convention on

'NEAR SURFACE EARTH SYSTEM SCIENCES'

November 3-5, 2015

Venue: National Centre for Antarctic and Ocean Research
Ministry of Earth Sciences, Government of India
Headland Sada, Vasco-da-Gama, Goa 403 804

Organized Jointly By

IGU

&



National Centre for Antarctic and Ocean Research (NCAOR)

(For information and updates, please visit us at www.igu.in)



**52nd ANNUAL CONVENTION OF INDIAN GEOPHYSICAL UNION ON
'NEAR SURFACE EARTH SYSTEM SCIENCES'
GOA, November 3-5, 2015**

Please submit the registration form in A4 size (available in www.igu.in) in the following format along with abstract to the Hon. Secretary, Indian Geophysical Union (IGU), CSIR-NGRI Campus, Uppal Road, Hyderabad-500 007; Phone: 040-23434631/27012799; Fax: 040-27171564, Email: igu123@gmail.com.

(Kindly fill up the form in capital letters and use separate form for each participant)

1. Name:
(Prof/ Dr/ Mr/Mrs/Ms.)
2. Age:
3. Designation / Affiliation :
4. Address for Correspondence:
5. Telephone & Mobile No:
6. Email:
7. Fax No:
8. Title of Abstract (if submitted):
9. Preference of Presentation (please tick)
[.....] Oral [.....] Poster
Please tick suitable topic only
[.....] Solid Earth Geosciences
[.....] Marine Geosciences
[.....] Space, Planetary & Atmospheric Sciences
[.....] Young Researchers Program
10. IGU Membership: Yes/No
11. Mode of Payment for Registration:
12. Accommodation required: Yes No

Place:

Date :

Signature

Abstracts of about 300-500 words should be submitted through Email: igu123@gmail.com by 15th September, 2015. The author(s) should indicate his/her/ their preference for oral or poster presentation. However, the Final Scientific Program shall be decided by the technical committee, as abstracts will be accepted based on merit and contents. Acceptance will be communicated to the potential speakers by 1st October, 2015.

52nd ANNUAL CONVENTION ADVISORY COMMITTEE

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OBJECTIVES

Earth is probably the only planet in the Universe that has life in the form of human-beings, flora and fauna. Unfortunately, due to combination of natural phenomena and Man induced environmental degradation, since couple of decades, we are witnessing series of negative impacts to our Earth. This trend, if continues, will lead to obliteration of life on Earth, making it a dead planet. As such it is paramount to save it from different negative activities, responsible for environmental degradation and irreversible damage to our natural resources and life. To ensure effective positive changes that can lead to overall betterment of life saving resources, namely, air, water and food we have to first understand the dynamics of Earth-system processes that are unique to our planet.

To ensure our scientific endeavours are better focused to bring out sea change in the existing dismal scenario Indian Geophysical Union has selected "Near Surface Earth System Sciences" as special theme for 52nd annual convention. Presently this topic assumes significant importance, in view of conflicting interests of developed and developing nations, in reducing various pollutants that are affecting different segments of earth system, solid earth (or lithosphere), its watery and gaseous envelopes (the hydrosphere and atmosphere, respectively), and life (the biosphere), each of which has evolved and interacted continuously throughout geologic time. This interaction takes place at or near the Earth's surface, and the energy required is a combination of Earth's internal heat and radiant energy from the Sun. Earth's evolution throughout geologic time has been, profoundly influenced by the interaction between its internal forces and external influences, such as solar radiation. This interaction has governed the composition of Earth's rocky outer layer, or crust/lithosphere, the origin, composition, and circulation of Earth's watery and gaseous envelopes and the origin and evolution of life itself. Since these factors are dynamic in nature researchers have been striving to evolve models that take in to cognisance influence of space and time.

During the IGU convention, we expect researchers to present studies that cover all the factors influencing origin, evolution of earth system and needed initiatives to ensure its safety, from natural and Man induced aberrations.

ABOUT NCAOR

National Centre for Antarctic and Ocean Research (NCAOR) was established as an autonomous Research and Development Institution of the Ministry of Earth Sciences (formerly Department of Ocean Development), Government of India on the 25th May 1998.

With a mission mandate that is quite challenging, the Centre is designated as the nodal organization for the co-ordination and implementation of the Indian Antarctic Programme, including the maintenance of India's permanent station in Antarctica.

At NCAOR the scientific mandate is multidisciplinary. Operating in a complex matrix, which has as its focal theme, research in those areas of the polar science currently not being undertaken by any other institution in India.

In a rapid stride, not only have the basic infrastructure and computing facilities been established, but also true scientific recognition earned. The Universities of Goa and Mangalore have recognized NCAOR as a research centre for the pursuit of doctoral research.

Year-round maintenance of the two Indian stations (Maitri & Bharati) in Antarctica is the primary responsibility of the Centre. Maitri (1989) and Bharati (2011) were established, for carrying out research by the Indian scientists in all disciplines of polar research. These stations have been provided with comfortable living accommodations, state of the art laboratories and well-equipped library and communication systems.



NCAOR - Goa

HIMADRI 'the abode of snow' is India's first research station located at the International Arctic Research base, Ny-Ålesund, Svalbard, Norway.



Places of tourist attraction in and around GOA

With stunning natural beauty and vibrant cultures, Goa's inner beauty isn't hard to see. More than sun-drenched beaches, Goa's friendly people, great food, historical buildings and cosmopolitan nature are ever-delightful.

While one facet of Goa is the tireless insomniac revelry, the other is a laid-back, old-world charm that Portuguese brought along in the 17th century. The churches, bungalows and cafes will excite you no less, if no more than sipping a refreshing drink by the beach. Old Goa has its own appeal, and it never fails to entice.



Exotic beaches



Basilica of Bom Jesus



Goa Science Centre



Panaji Kala Academy



Shanta Durga Temple



St. Cajetan's Church



Salim Ali Bird Sanctuary



Fort Aguada Location

Tourists typically know Goa as North and South Goa; the former being the place to be if you're looking forward to a "happening" holiday, and the latter, if you need a more relaxing respite from your hectic lifestyle. Whether you're planning a family holiday, a quick weekend getaway with friends, Goa has all the ingredients for a perfect holiday recipe.