



First Circular

4th Triennial Congress of Federation of Indian Geosciences Association

on

Geosciences for Sustainable Blue Economy- Potential of Indian Ocean



06-08 November, 2025

at

**ESSO - Indian National Centre for
Ocean Information Services**

(Ministry of Earth Sciences, Govt. of India)

Hyderabad



Federation of Indian Geosciences Associations

Over the years the earth system science has become a truly interdisciplinary field of science with an increasing realization for a common platform and to exchange and interlace the views and activities of the earth sciences communities. This is expected to bring in synergy across the earth science community and the scientific programs of national and international relevance jointly taken up by the scientific associations. It is time that the contemporary technologies that can address the challenges associated with geosciences be comprehended to provide effective solutions for the welfare and sustained growth of the nation. In this context, as an effective approach to bring in all the associations dealing with various facets of geosciences together and put in concerted efforts in suggesting future activities at national and international levels, Federation of Indian Geosciences Associations (FIGA) has come into being with nine Geosciences Associations as Members and four institutions/ Ministries as patron members in 2014. This endeavour is aimed to bring in the Geosciences Associations/Societies/ Unions and Institutions on to a single platform to address a common goal fostering the developments in Geosciences and benefitting the Society and suggesting future activities at national and international levels. The preceding three Triennial Congresses of FIGA jointly participated by its Member Associations IGU, GSI, AHI, AEG, SPG, PSI, ISES, OSI and Patron Members- NCESS, CSIR-NGRI, IIG, MoES, AMD, KDMIPE, WIHG, INCOIS, NCPOR were held at IIT-Indian School of Mines, Dhanbad, CSIR-National Geophysical Research Institute, Hyderabad and Wadia Institute of Himalayan Geology, Dehradun. during 2016, 2019 and 2022 respectively. The 4th Triennial Congress of FIGA will be held in ESSO-Indian National Coastal Ocean Information Services (INCOIS), Hyderabad during 2025.

The host institution

ESSO-Indian National Centre for Ocean Information Services (ESSO-INCOIS) was established as an autonomous body in 1999 under the Ministry of Earth Sciences (MoES) and is a unit of the Earth System Science Organisation (ESSO). ESSO-INCOIS is mandated to provide the best possible ocean information and advisory services to society, industry, government agencies and the scientific community through sustained ocean observations and constant improvements through systematic and focussed research. The institute's activity spectrum encompasses Potential Fishing Zone and Experimental Ocean State Forecast on mission mode, Marine Meteorological Advisory Services and Web-based Ocean Information Services. It contributes to Storm Surge Prediction and Disaster Management, Climate / Monsoon / Weather Forecast, Monitoring of Pollution / Oil Spill and Global Ocean Observing System. INCOIS also established Infrastructure for Ocean Information and Modelling, Regional Argo Data Centre, National Argo Data Centre, Ocean Portal. Major HP computing facilities with petaflop storage facility are in place for national use. In addition, its contributions to Human Resource Development for Ocean Sciences and Services is globally recognised.

The Congress

Oceans occupy almost 70 % of the Earth's surface and countries like India are largely bounded by coastal oceans with long coast lines. The highly diverse eco-systems, natural resources- living and non-living, energy, contributions to monsoons and climate, conveyer for excess heat and sink of CO₂, natural hazards contribute significantly to water, food and energy needs of the humanity apart from their direct contribution to national economy. A sustainable ocean economy emerges when economic activity are in equilibrium with the marine and coastal ecosystems, resources and process dynamics in terms of their resilience and health and human wellbeing over long periods. The ocean dependent economy continues to prosper in



the era of climate change in the concept of 'Blue economy'. Despite the wisdom, foresight and use of ocean environment by the humanity, the oceans remain as 'less understood' entities in science and society. The origin, linkages and dependence and co-existence of oceans and the terrestrial system needs a comprehensive understanding to adopt and promote blue economy and its associated framework.

Congress themes

Focal theme

Geosciences for sustainable Blue Economy- Potential of Indian Ocean

Sub themes

- Coupling between Earth, Ocean and Coastal Systems
- Marine Geodynamics, Coastal Processes and Natural Hazards
- Climate and Oceans
- Water, Food, Energy and Natural Resources
- Young Scientists' Conclave

Congress structure

I. Technical programme

The broad components of the 4th Triennial congress are: Inaugural Session; Plenary Lectures; Contributory Talks; Interactive Poster sessions; Young Researchers' conclave; School children inspire session; Joint Session with International Geoscientific Associations; Science and technology Exhibition; Annual Convention/ General Body Meetings of Member Associations; Field Visits; Spouse Programme; and Concluding Session.

II. Pre-Congress Workshop on

Natural hazards- understanding and combating

III. Post-Congress event: City tour and Field visits

Abstract Volume

A congress volume containing abstracts of the plenary, contributory talks, oral and poster presentations along with the details of Annual General Body Meetings of Member Associations and contributions of Patron member institutions will be brought out during the congress. Promotion advertisements are welcome for publication in the volume.

The tariffs for publication of Advertisements are listed below:

Back Cover (Color)	: Rs.75,000
Inside front Cover (Color)	: Rs.50,000
Inside back Cover (Color)	: Rs.40,000
Inside Full Page Color	: Rs.30,000
Inside Full Page (BW)	: Rs.20,000

Those who are interested in publicising their products / Details of their organisation need to send necessary information to:

convener4tacfiga@gmail.com / secretaryfiga@gmail.com

The tariff has to be paid in advance.

Abstract Submission

Abstracts of about 300-500 words should be submitted by September 30, 2025 through online link or e-mail: convener4tacfiga@gmail.com / secretaryfiga@gmail.com

S & T Exhibition Stalls

A Scientific cum Technical exhibition portraying geosciences and allied instruments and services and Institutions will be organized during the Triennial Congress of FIGA. The Exhibition stall will be 9 X 9 ft. Registration Fees: Rs.75,000/-.

Registration

All delegates participating in the Congress must register in advance. Link for online will be shared soon.

Registration form can also be mailed to: convener4tacfiga@gmail.com / congressdirector4tacfiga@gmail.com / secretaryfiga@gmail.com along with delegate registration fee as detailed below:

General : Rs.8,000/-

Teachers : Rs.5,000/-

Research Scholars : Rs.3,500/-
(Ph.D. students/Post-doc/RA/JRF/SRF/PA/PF)

Students : Rs.2,000/-
(B.E./B.Tech./M.Sc./M.Tech students)

Spouse / Accompanying Persons : Rs.1,500/-

Registration includes congress material, abstract volume, three lunches, one dinner and tea during the Congress. Accompanying person(s) will not be entitled for the Congress material and Abstract's volume.

Mode of payment:

The payment may be made online through NEFT/RTGS/UPI or demand draft drawn on any Nationalized / Scheduled Bank in favour of

Account Name : Federation of Indian Geosciences

Name of the Bank : State Bank of India

Account No. : 62353771877

IFSC Code : SBIN0020087

Please provide UTR number/transaction ID to e-mail id convener4tacfiga@gmail.com / secretaryfiga@gmail.com



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Member Associations

Indian Geophysical Union (IGU),
CSIR-NGRI Campus, Hyderabad

Geological Society of India (GSI), Bangalore

Association of Exploration Geophysicists
(AEG), Hyderabad

Society of Petroleum Geophysicists (SPG),
Dehradun

Association of Hydrologists of India (AHI),
Visakhapatnam

Paleontological Society of India (PSI),
Lucknow

Indian Society of Earthquake Sciences
(ISES), Hyderabad

Ocean Society of India (OSI), Kochi

Patron Members

Ministry of Earth Sciences (MoES),
New Delhi

Indian Institute of Geomagnetism (IIG),
Navi Mumbai

CSIR-National Geophysical Research Institute
(NGRI), Hyderabad

ESSO-National Centre for Earth Sciences
Studies (NCESS), Thiruvananthapuram

Atomic Minerals Directorate of Exploration
and Research (AMD), Hyderabad

Keshava Deva Malaviya Institute of Petroleum
Exploration (KDMIPE), ONGC Ltd., Dehradun

Wadia Institute of Himalayan Geology (WIHG),
Dehradun

Indian National Centre for Ocean Information
Services (INCOIS), Hyderabad

NCPOR National Centre for Polar and Ocean
Research, GOA

Local Organising Committee

Director, INCOIS

Chairman & Congress Director
Pragati Nagar, Hyderabad

REGISTRATION FORM

4th Triennial Congress of FIGA in conjunction with
Annual events of Member Associations on

'Geosciences for Sustainable Blue Economy- Potential of Indian Ocean'

(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. Mobile No:
6. Email ID:
7. Are you submitting an abstract: Yes [] No []
8. Title of Abstract (if yes):
9. Do you wish to take part in the Pre-Congress Workshop :
Yes [] No []
10. Do you wish to take part in the City Visit / Field trip:
Yes [] No []
11. Mode of Payment of Registration: NEFT/RTGS/UPI/DD
12. Payment Details: Email: convener4tacfiga@gmail.com [],
secretaryfiga@gmail.com []
13. Accommodation required: Yes [] No []
14. Tariff Plan (if yes): <Rs. 3000 [] or Rs. 3000-6000 []
or > Rs. 5000 []
15. Duration of accommodation:
From []/[]/[] To []/[]/[]
16. Do you belong to any one or more of these associations ? if Yes Pl. select
IGU [] AEG [] AHI [] SPG [] GSI [] PSI [] ISES [] OSI []

Place:

Date:

Signature

Important dates :

Last date for Abstract submission : 30-09-2025

Last date for Registration : 31-10-2025

Pre-Congress workshop registration : 01-10-2025

All Correspondence

Convener, 4TAC-FIGA

INCOIS, Pragatinagar, Hyderabad

E-mail : convener4tacfiga@gmail.com, secretaryfiga@gmail.com

