



Ninth National Conference of
Ocean Society of India

OSICON-25

5-7 February 2025



Focal Theme

Sustainability of Oceans and Climate Change

CALL FOR ABSTRACTS

Organized by

CSIR - National Institute of Oceanography (NIO)

Dona Paula, Goa - 403 004

&

Ocean Society of India

DIAMOND JUBILEE

CELEBRATIONS OF CSIR-NIO

**CELEBRATING 60 YEARS OF
UNDERSTANDING THE OCEANS**

The Ocean Society of India (OSI) was launched on 19th March 2006 at Kochi with an aim to provide a forum for sharing the knowledge and experience of individuals, scientific institutions and industrial organizations in science, technology, engineering and allied fields of the Ocean. OSI is registered as a Society under Travancore-Cochin literary, scientific and charitable societies registration act. The registered office of OSI is at Kochi and now functions from the Centre for Marine Living Resources & Ecology (CMLRE). The OSI conducts its day-to-day business through a Governing Council (GC).

OSI invites the ocean community to join the only Professional Society comprised of scientists, engineers, researchers and technologists from academic institutions, research laboratories, scientific organizations, industries, and anyone engaged in any ocean-related activity or profession.

For more details, visit www.oceansociety.in

Note

The Annual General Body Meeting of OSI will be held during OSICON'25 at CSIR-NIO, Goa

BACKGROUND

Since 2009, OSI started organizing biennial conferences viz. OSICON-09, OSICON-11, OSICON-13, OSICON-15, OSICON-17, OSICON-19, OSICON-21 and OSICON-23. These conferences hosted by leading academic/research institutes viz. Andhra University, Visakhapatnam; NIOT, Chennai; IITM, Pune; CSIR-NIO, Goa; NCESS, Thiruvananthapuram; CMLRE, Kochi; NCPOR, Goa and INCOIS, Hyderabad were very successful in bringing together 500 researchers, students and professionals working in the area of ocean sciences, technology and allied fields to share their knowledge.

OSICON-25 is being hosted by the CSIR-National Institute of Oceanography, Goa, is a constituent laboratory under the Council for Scientific and Industrial Research (CSIR), Ministry of Science and Technology, Govt. of India. CSIR-NIO and OSI are pleased to invite the oceanographic community to this biennial conference, OSICON-25, the 9th National Conference scheduled to be held during 5-7 February 2025.

The CSIR-NIO with its headquarters at Dona Paula, Goa, and regional centres at Kochi, Mumbai and Visakhapatnam, is one of the 37 constituent laboratories of the Council of Scientific & Industrial Research (CSIR), New Delhi. CSIR-NIO was established on 1 January 1966 following the International Indian Ocean Expedition (IIOE) in the 1960s. The institute has since grown into a multi-disciplinary oceanographic research institute of international repute. The principal focus of research has been on observing and understanding special oceanographic characteristics of the Indian Ocean.

CSIR-NIO will be celebrating its Diamond Jubilee in 2025, and OSICON-25 will be a flagship programme of the Diamond Jubilee celebrations.

FOCAL THEME

The focal theme '**Sustainability of Oceans and Climate Change**' underscores the critical interplay between ocean health and climate stability. Oceans, covering over 70% of the Earth's surface, are pivotal in regulating global climate by absorbing carbon dioxide and heat. However, climate change threatens this balance, leading to ocean warming, acidification, and rising sea levels. Sustainable practices are essential to protect marine ecosystems, support biodiversity, and ensure the livelihoods of communities dependent on ocean resources.



The focal theme of this conference, 'Sustainability of Oceans and Climate Change', is intricately linked with the United Nations Decade of Ocean Science for Sustainable Development (2021-2030). This pivotal UN initiative aims to drive transformative ocean science solutions for sustainable development, connecting people and the ocean in unprecedented ways. As the Decade emphasizes the necessity of a healthy, resilient, and productive ocean, our conference's focus on sustainable practices and climate change mitigation resonates deeply with these global objectives.

By fostering interdisciplinary collaboration and innovation, this conference contributes to the Decade's vision of reversing the cycle of decline in ocean health and ensuring a sustainable future. It underscores the urgency of addressing climate impacts on marine ecosystems and highlights the essential role of scientific knowledge in shaping effective conservation policies.



THEMES

- Geological Oceanography
- Marine Geophysics
- Physical Oceanography
- Chemical Oceanography
- Biological Oceanography
- Ocean Engineering and Technology
- Oceans and Atmosphere
- Marine Micro Biology and Biotechnology
- Polar Science and Cryosphere Studies
- Remote Sensing and In-situ Observations of Coastal, Estuary and Open Ocean Processes
- Ocean Modelling

Special Sessions

- IMS Session
- FIGA Session
- Women in Oceanography
- ECOP Session
- Industry-Research Networking

CALL FOR ABSTRACTS

Extended abstracts, focused on scientific or operational results and applications, must be submitted through the conference website: osicon25.nio.res.in. The abstract should be a maximum of two A4 pages and include the title, author name(s), their affiliation(s), and five relevant keywords.

Each author is allowed to submit only one abstract as the first author. When submitting, ensure the name of the corresponding author is provided, along with the preferred mode of presentation (oral/poster) and the chosen theme.

Once reviewed and accepted by the peer review committee, authors will be notified regarding the acceptance and assigned mode of presentation. Templates for posters and extended abstracts will be available on the conference website, and the extended abstracts will be published in the conference proceedings.

REGISTRATION

The fee for registration for various categories of delegates is as given below:

Research Scholars/Students	Rs. 3500/-*
Ocean Society of India (OSI)/Indian Meteorological Society (IMS) Members	Rs. 5000/-*
Non OSI/IMS members	Rs. 6000/-*

- Onsite registration will be charged Rs. 9000/-* for all categories.

- * Registration fee inclusive of GST.

- The registration includes registration kit, admission to all scientific sessions, lectures and inaugural function, lunch, and cultural events.

- Registration fee is non-refundable.

Travel & Accommodation

- Free accommodation will be provided for limited student participants based on availability.

- Travel support will be provided for limited student participants by OSI.

IMPORTANT DATES

Online registration starts:	15th September 2024
Abstracts submission starts:	15th September 2024
Last date for abstract submission:	15th October 2024
Notification of acceptance of abstract:	31st October 2024
Last date for online registration of accepted abstracts:	15th November 2024
Last date for online registration of all delegates:	15th December 2024

Best Presentations

OSI has instituted Biennial Awards for the best oral presentations by young researchers (≤ 40 years of age as on 7th February 2025) during OSICON in various thematic areas. The best oral presentation awards include a citation, certificate and cash prize of Rs. 5000/-. The best poster award by OSICON-25 includes a citation and certificate. These awards will be presented during the concluding session of OSICON-25. Oral presentations in the contest section will be judged based on originality, methodological rigor, and presentation quality.

The cash awards for best oral presentations are for the following themes:

- **Prof. Vallam Sundar Award**
Ocean Engineering
- **Dr. M. Baba Award**
Physical Oceanography
- **Prof A. D. Rao Award**
Oceans & Atmospheric Science
- **Shri C. V. G. Reddy Award**
Chemical Oceanography
- **Dr. Kesavadas Award**
Geological Oceanography
- **Prof. N. R. Menon Award**
Biological Oceanography

OSI Biennial PhD Theses Awards

OSI has introduced Biennial PhD Theses Awards instituted under different themes in Ocean Science and Technology to recognize excellent research carried out by young PhD holders in the country. The Awards consist of citation, certificate, and prize amount of Rs. 10,000/- that will be given during the OSICON-25.

- **Prof. Vallam Sundar Award**
Ocean Engineering
- **Dr. N. P. Kurian Award**
Physical Oceanography
- **Prof A. D. Rao Award**
Oceans & Atmospheric Science
- **Dr. Shanta Achuthankutty & Dr. P. A. Lokabharathi Award**
Marine Microbiology & Biotechnology
- **Dr. Rabindranath Sengupta Award**
Chemical Oceanography
- **Dr. H. N. Siddique Award**
Geological Oceanography
- **Dr. (Mrs.) N. I. Joseph & Prof. K. V. Jayachandran Award**
Biological Oceanography

Dr. D. Srinivasan Endowment Award and OSI Fellowship will be conferred during OSICON-25

SPONSORSHIP/EXHIBITION

OSICON-25 will host over 500 researchers from across India, bringing together scientists, engineers, policymakers, and stakeholders to discuss advancements in ocean science and technology. We invite industry partners, organizations, and stakeholders to sponsor the event, offering multiple sponsorship levels with various benefits and recognition. This is a great opportunity to showcase expertise, products, and services to a targeted audience of marine scientists and professionals. Sponsors can also network with industry leaders and foster new collaborations. Your support is crucial to the success of OSICON-25 and the advancement of sustainable ocean management. For further details, please contact Organizers at osicon2025@gmail.com with the subject 'OSICON-25 Sponsorship/Exhibition'.

PATRONS

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Secretary, MoES

Prof. Abhay Karandikar
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Convenor, **OSICON'25**

LOCAL ORGANIZING COMMITTEE

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Dr. Jaya Kumar Seelam, CSIR-NIO, Goa

Co-convenor:


Dr. R. Mani Murali, CSIR-NIO, Goa

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