

## About Ocean Society of India

The Ocean Society of India (OSI) was launched in 2006 at Kochi as a registered Society with its registered office at Kochi and around 500 life members. OSI has a mission aimed at providing 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. The Society has grown considerably with the active support received from the Ocean Science and Technology Community. The OSI has about 500 life members across the country. In the past, the OSI conducted many national conferences related to diverse scientific and technological themes.

OSI also appeals to the Ocean Community to join OSI, the only Professional Society with Scientists, Engineers and Technologists drawn from Academic Institutions, Research Laboratories, Scientific Organisations, Industries as well as those in any Ocean-related activity or profession. For details please visit

Website: <http://www.oceansociety.in>



FORV SAGAR SAMPADA

## About Centre for Marine Living Resources and Ecology

Centre for Marine Living Resources and Ecology, Kochi under the Ministry of Earth Sciences, Government of India is a pioneer research institution concentrating on deep sea research. The centre has been organizing, coordinating and promoting ocean development activities in the country which inter-alia include mapping of the living resources, preparing inventory of commercially exploitable living marine resources, their optimum utilisation through ecosystem management and R&D in basic sciences on Marine Living Resources and Ecology. The Marine Living Resources Programme (MLR) envisages survey, assessment and exploitation of Marine Living Resource and studies on the response of MLR to changes in the physical environment with the objective of developing an ecosystem model for the management of the living resources in the Indian EEZ. The Fishery Oceanographic Research Vessel (FORV) Sagar Sampada is fully utilized for these studies. On-going MLR surveys in the EEZ focus on deep sea fishery, Tuna-resources, harmful algal blooms, Bioluminescent planktons, marine mammals, environment and the productivity patterns. These efforts are complimented through allied activities under MLR, namely, studies on - benthos of the continental slope area, plankton biodiversity in Andaman sea, near-shore dynamics with special reference to upwelling and mud-banks, application-oriented R&D on production of pearls from the black-lip pearl oyster, development of antifouling compounds from the marine organisms, modelling efforts and maintenance of a Data & Referral Centre on FORV collections.

## Patron

- Dr. M. Rajeevan Secretary, MoES, Government of India

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- Dr. Anilkumar Vijayan  
Co-convener, OSICON 19
- Dr. Hashim Manjebraayakath  
Co-convener, OSICON 19

For registration and further details please visit <http://www.oceansociety.in>



## Sixth Biennial Conference of Ocean Society of India



## OSICON-19

### INDIAN OCEAN PROCESSES AND RESOURCES- A KEY TO BLUE ECONOMY

December 12-14, 2019

- Venue  
Centre for Marine Living Resources and Ecology, Ministry of Earth Sciences, Government of India, ATAL BHAVAN, LNG Road, Ochanthuruth (PO) Puthuvype, Kochi-682 508, Kerala, India

- Organized by  
**Ocean Society of India**  
(Reg. No. ER 360/06, Kochi) ([www.oceansociety.in](http://www.oceansociety.in)) & Centre for Marine Living Resources and Ecology

## Background

Ocean Society of India (OSI) is a registered Professional Society, established in 2006 and growing steadily up with the active support received from the Ocean science and technology community. Presently OSI has around 500 life members from various research institutes and universities spread across India. So far five conferences i.e., OSICON-09; OSICON-11, OSICON-13, OSICON-15 and OSICON-17 were held at Andhra University (Visakhapatnam), NIOT (Chennai), IITM (Pune), NIO (Goa) and NCESS (Trivandrum) respectively. OSI is extremely happy to invite the ocean community again to its 6th biennial conference (OSICON-19) scheduled to be held at the Centre for Marine Living Resources and Ecology (CMLRE), Kochi during 12-14 December 2019. Our main thrust for this conference would be "Indian Ocean Processes and Resources – A Key to Blue Economy". OSICON-19 provides a forum to bring together academicians, researchers, engineers, technologists and all other personnel

involved in the marine related fields to share their knowledge for the benefit of mankind.

Motivation to organize this conference stems from the desire to find answers to ubiquitous climate change impacts on processes and resources of our seas. We expect focused and informed presentations and deliberations on carefully chosen topics and themes. It is imperative to assess the short-term and long-term changes in marine living resources and their economic impacts to evolve sustainable management policies. The marine resources are increasingly becoming indispensable to supplement the land based mineral resources. Identification of abundance and exploitability of marine living and non-living resources is vital to get benefits of enormous blue economy which India is blessed with. Keeping these objectives in mind, we request the participants to contribute their recent advances and accomplishments in research.



We request that this announcement may be given wide publicity among the ocean community to ensure larger participation in the conference.

We solicit research contributions in the form of abstracts and extended abstracts for OSICON-19 through e-mail [osicon2019@gmail.com](mailto:osicon2019@gmail.com). OSICON-19 invites active participation from all branches of Marine Sciences, Engineering and Technologies. OSI considers it as a proud privilege to conduct this conference at Centre for Marine Living Resources and Ecology (CMLRE), which is a premier institution dealing with the research and development in ocean resources and processes under the Ministry of Earth Sciences, Government of India. OSI is significantly supported by various other marine research institutions like National Institute of Ocean Technology (NIOT), National Centre for Polar

Ocean Research (NCPOR), Indian National Centre for Ocean Information Services (INCOIS), National Institute of Oceanography (NIO), Naval Physical & Oceanographic Laboratory (NPOL), Indian Navy (IN), Space Applications Centre (SAC), National Remote Sensing Centre (NRSC), India Meteorological Department (IMD), OSI receives strong support from the Ministry of Earth Sciences (MoES), Department of Space (DoS), Defense Research & Development Organization (DRDO), Department of Science & Technology (DST) and various academic institutions like, Cochin University of Science & Technology (CUSAT), Kerala University of Fisheries and Ocean Sciences (KUFOS), Indian Institute of Technology (IITs).

## Areas of Conference

### INDIAN OCEAN PROCESSES AND RESOURCES - A KEY TO BLUE ECONOMY

#### Topic & Themes

- Ocean processes**  
Air-sea interaction, Monsoon and teleconnections, Cyclones, Waves, Sea Level Rise, Currents, Coastal and estuarine processes, Carbon budget, Climate Change & Impacts, Ecological Processes, Remote Sensing of Oceans
- Ocean Health**  
Ocean Acidification, De-oxygenation & Eutrophication, Marine Pollution
- Ocean Geosciences**  
Non-living Resources (Minerals; Gas Hydrates), Bathymetric surveys, Palaeo-climate, Provenance, Continental Margins, Tectonics
- Ocean Living Resources**  
Biodiversity, Fisheries, Marine Microbiology and Biotechnology, Drugs from the sea
- Ocean Engineering & Technology**  
Coastal and Ocean Engineering, Marine Robotics, Ocean Energy, Ocean Acoustics, Deep Sea Technology, Ocean information services, Ocean Governance and Law of the Sea



## Abstracts and Deadlines

Abstracts of research contributions may please be sent to [osicon2019@gmail.com](mailto:osicon2019@gmail.com). The last date for receipt of abstracts is 30 August 2019.

Abstract should cover briefly the problem studied, its significance and important conclusions. The abstract may be restricted to about 500 words and preferably not exceeding one page (A4 size). Times New Roman Font of 10pt size with single space may be followed for preparation of abstract. The title of paper, authors' names and their affiliations and the E-mail Id of the lead author for correspon-

dence may be given along with the abstract. The title of the paper shall be in 12pt bold lower case. There will be poster sessions under each theme. If the paper is specifically intended as a poster this may please be indicated at the top of the abstract.

Awards will be given to the best oral and poster presentations under each theme to students and researchers and abstract which they sent should have an endorsement on the top "For Award"

After acceptance of abstracts by the peer review committee, the authors will be provided with templates for submitting the extended abstracts and posters. The extended abstracts will be published in the Conference proceedings. In addition, full papers should be sent by authors for finalizing the award. Please note the following deadlines.

Receipt of Abstracts:  
30 August 2019

Registration (early bird)  
15 September 2019

Submission of extended abstracts  
15 November 2019

Acceptance of Abstracts and intimation  
15 September 2019

Venue : CMLRE

Conference dates  
12-14 December 2019

## Registration Fee (INR)

| Timing                       | Students | OSI Members | Non-Members | Participants of other countries |
|------------------------------|----------|-------------|-------------|---------------------------------|
| Early Bird 15 September 2019 | ~ 1000   | ~ 2500      | ~ 4000      | ~ 7000                          |
| After 15 September 2019      | ~ 1500   | ~ 3500      | ~ 5000      | ~ 10000                         |

OSI encourages active participation of students and research scholars, limited travel support may be available for selected students.

Please fill in the registration form downloadable at [www.oceansociety.in](http://www.oceansociety.in)

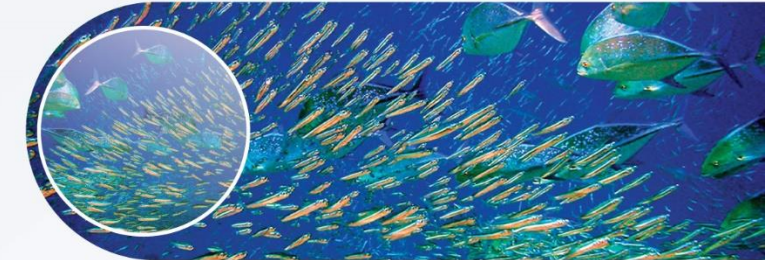
#### Bank Details:

|  |   |   |
|--|---|---|
| OCEAN SOCIETY OF INDIA,<br>Branch Code: 3566 | S.B.I. Account No. 3456 9026 043<br>IFSC: SBIN0003566 | State Bank of India, Dona Paula, Goa.<br>MICR: 403002004. |
|--|---|---|

## Exhibition

OSICON 2019 plans to hold an exhibition to showcase important discoveries and innovations in terms of specimens, prototypes of technologies and experimental setups from different fields of marine science. This exhibition provides

excellent platform to the young researchers to seize greater visibility to their work. It will also serve as a knowledge dissemination centre. Instrument and Equipment manufacturers also will be invited to exhibit their products.



### Conference Souvenir

A souvenir will be released during the conference commemorating the journey of OSI since its inception and CMLRE explaining 25 years of its novel contributions. Advertisement are invited for the Souvenir

### Correspondence Address

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### Co-conveners

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