



International Symposium on 'Advances in Coastal Research with special reference to Indo Pacific- 2019 (AdCoRe IP-2019)'



AdCoRe IP-2019

**17th -19th DECEMBER 2019
Chennai, India**

-First Announcement-

Themes

- Coastal Erosion and Sediment Transport**
- Marine Pollution and Marine Litter**
- Forecasting Coastal Hazards and Sea Level Change**
- Coastal Vulnerability, Floods and Modeling**
- Coastal Ecosystems and Modeling – SDG 14**
- Climate Change and its Impacts on the Coasts**
- Blue Economy (Resources, Energy) and Coastal Governance**
- Ocean Technologies and Small Island Developing States**



**National Centre for Coastal Research (NCCR)
Research and Information System for Developing Countries (RIS)**

Background

United Nations Sustainable Development Goal 14 (SDG 14) commits countries to unite over what is a truly global responsibility – the protection of our oceans and the lives below the sea. By 2020, countries commit for achieving the sustainable management of marine ecosystems and significantly reduce marine pollution of all kinds. This will require an international scientific partnership, regulation for fish harvesting, fishing, and enhance our research knowledge on critical issues concerned to the survival of life below water. The Ministry of Earth Sciences is the focal point in the country to provide input on regional and global science based issues for policy making. Research and Information System for Developing Countries (RIS), in collaboration with the Ministry of External Affairs (MEA) and NITI Aayog, Government of India, and with support from the UN in India, is spearheading a programme of national consultations among lawmakers, policymakers, academia, private sector and the civil society on the Sustainable Development Goals (SDGs).

The National Centre for Coastal Research (NCCR), Chennai is an attached office of the Ministry of Earth Sciences, Government of India. NCCR aims to apply scientific tools and techniques in addressing problems like erosion, ecosystem changes and seawater quality monitoring to monitor the levels of marine pollutants in the seas around India. The NCCR implemented programmes on integrated coastal and marine area management (ICMAM) plan, GIS-based information for critical habitats, determination of waste assimilation capacity, development of EIA guidelines, determination of 'no impact zone', determination of best use classification for coastal waters, shoreline management plans, ecosystem modelling for coastal habitats, marine ecotoxicology and storm surge inundation modelling. NCCR attracts more interaction by research communities at the national and international level with its competence and capabilities developed for the last three decades and enhance the countries capabilities in addressing the challenging problems prevailing in the coastal zone.

India's focus on oceans and marine resources management has been forward looking. With close to 129 institutions in the country working on marine and ocean related issues, largely supported by four ministries of Government of India. NCCR has a mandate to address the coastal issues and challenges across the coastal states of India. Countries across the Indo-Pacific region are having common coastal problems and issues to be addressed. Hence, to share the scientific knowledge on advances in coastal research an International Symposium on **Advances in Coastal Research with special reference to Indo Pacific- 2019 (AdCoRe IP 2019)** is being organized by the NCCR, Ministry of Earth Sciences, Government of India in collaboration with RIS. The symposium is expected to attract the global scientific experts, academician, researchers and policy makers onto the common platform of collaborating in the area of global challenges facing coastal regions worldwide. Outcome of the symposium will be useful to better understand the common coastal issues of concern, enhance regional co-operation, devise unique strategies and fine tune national policies across the Indo Pacific region.

About the National Centre for Coastal Research

The National Centre for Coastal Research (NCCR), Chennai is an attached office of the Ministry of Earth Sciences, Government of India established in 1998. Vision of NCCR is to carry out cutting edge coastal research and offer scientific advisory for better management of coastal areas with a mission to develop and provide solutions to coastal issues such as marine pollution, coastal erosion, sea level rise, coastal flooding, restoration and conservation strategies for critical habitats through monitoring, modelling and applied research. NCCR has a mandate for developing and improving capability to understand the critical coastal parameters, processes and phenomena through continuous monitoring and research for sustainable use of resources. Currently, NCCR has taken up the socially relevant scientific programmes such as seawater quality monitoring, prediction, ecosystem modelling, marine ecotoxicology, coastal processes & shoreline management, marine litter and capacity building.

About the Research and Information System for Developing Countries (RIS)

Research and Information System for Developing Countries (RIS), a New Delhi based autonomous think-tank under the Ministry of External Affairs, Government of India, is an organization that specializes in policy research on international economic issues and development cooperation. RIS is envisioned as a forum for fostering effective policy dialogue and capacity-building among

developing countries on international economic issues. The focus of the work programme of RIS is to promote South- South Cooperation and assist developing countries in multilateral negotiations in various forums. RIS is engaged in the Track II process of several regional initiatives. RIS is providing analytical support to the Government of India in the negotiations for concluding comprehensive economic cooperation agreements with partner countries. Through its intensive network of policy think tanks, RIS seeks to strengthen policy coherence on international economic issues.

Themes of the Symposium

Keeping the focus on “Coastal Research Advances”, we invite papers on topics of interest to Ocean Scientists / Academicians /Engineers and Technologists in the following areas:

- ✚ Coastal Erosion and Sediment Transport
- ✚ Marine Pollution and Marine Litter
- ✚ Forecasting Coastal Hazards and Sea Level Change
- ✚ Coastal Vulnerability, Floods and Modeling
- ✚ Coastal Ecosystems and Modeling – SDG 14
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Research submissions are not limited to the specified theme and submissions in other relevant areas will also be considered for oral and poster presentations.

Call for Extended Abstracts

One page extended abstract of research papers giving details on objective, methodology, salient results and conclusions may please be submitted through conference portal online <https://www.niot.res.in/Adcore19/themes.php> on or before **31st August 2019**. 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 for correspondence may be given along with the abstract.

Registration

	National Participants		International Participants	
	Delegate	Student	Delegate	Student
Early registration	Rs. 4000	Rs. 2500	US\$ 500	US\$ 300
Late registration	Rs. 6000	Rs. 3000	US\$ 600	US\$ 400
Spot registration	Rs. 7000	Rs. 3500	US\$ 700	US\$ 500

Mode of Payment

Payment can be made through online portal and visit the conference website <https://www.niot.res.in/Adcore19/themes.php> for more details.

Venue: National Institute of Ocean Technology (NIOT), Chennai

How to reach venue: The Chennai city, Capital of Tamilnadu State of India has global connectivity through Airways and well-connected to all the major cities across the country by road, rail and air. By Air: venue is about 13 km from Indira Gandhi International & National Airport, Chennai. By Rail: The Chennai Central railway station is located in the heart of the city, 21 km from the venue well connected with Local Electric Train and Bus. Call Taxi services are available across the city 24/7.

Important Dates

Last date of Abstract submission	31 August 2019
Intimation of acceptance of abstracts	30 September 2019
Full paper submission	30 October 2019
Intimation of acceptance of full paper	16 November 2019

Accommodation: Accommodation can be arranged on payment basis. Kindly mail to organizers for booking in advance.

Visa requirements: Overseas delegates who require Indian Visa for participation are requested to contact the organizers in advance for guidance and invitation letter.

Patron

Dr. M. Rajeevan, Secretary, Ministry of Earth Sciences, Government of India

Chairman

Dr. Shailesh Nayak, Former Secretary, Ministry of Earth Sciences, Government of India and Director, National Institute of Advanced Studies (NIAS), Bangalore

Organizers

National Centre for Coastal Research (NCCR), Chennai

Research and Information System for Developing Countries (RIS), New Delhi

Co-organizers

Ministry of Environment, Forest & Climate Change, Government of India, New Delhi

Ministry of Shipping, Government of India, New Delhi

Department of Science and Technology, Government of India, New Delhi

Department of Biotechnology, Government of India, New Delhi

National Institute of Ocean Technology (NIOT), Chennai

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

National Centre for Earth System Sciences (NCESS), Trivandrum

Centre for Marine Living Resources & Ecology (CMLRE), Cochin

National Centre for Medium Range Weather Forecasting (NCMRWF), Noida

Indian Institute of Tropical Meteorology (IITM), Pune

National Centre for Polar and Ocean Research (NCPOR), Goa

National Centre for Sustainable Coastal Management (NCSCM), Chennai

National Institute of Oceanography (NIO), Goa

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Mr. K. Venkatarama Sharma	Scientist F, NCCR	Member Secretary

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Popular Science Talks

- (1) Tsunami: How can coastal residents be alert?
- (2) Storm surges: the costs being caught off guard
- (3) Blue revolution: how can it benefit local communities?
- (4) Non-conventional energy from oceans: will it solve our fossil fuel imports?
- (5) Beaches: Tackling marine litter head on to retain recreational value
- (6) Oceanarium: to enjoy the wonders of the sea and learn about marine life

Exhibition

Exhibitions showcasing the indigenous technologies is being organized parallelly which provides a great platform for the stakeholders of coastal research, ocean technologies and allied sectors. AdCoRe IP-2019 is expected to be a global level edition, which will showcase the most recent products and services for advancing coastal research and allied technologies.

Tourist Places in Chennai

Mahabalipuram is one of the histories intriguing enigmas. It was flourishing port town of the Pallava rulers of south India who chiselled in stone a fabulous **open air museum**. The site is enlisted under the UNESCO world heritage site and is situated 60 KM off Chennai.



Shore Temple of Mahabalipuram (700-728 AD)



Panchratha "Five Chariot" of Mahabalipuram (700-728 AD)

Marina Beach is India's longest beach and one of the worlds longest. The Marina's 6 km promenade includes Chennai Lighthouse, statues of several historical figures and memorial. **Elliot's Beach** is famous for its calm atmosphere, iconic Karl Schmidt memorial, named after the Dutch sailor who lost his life in the process of saving others from drowning is located at the heart of Elliot's beach.



Auroville is an experimental community in southern India, Pondicherry and is situated 140KM off Chennai. It was founded in 1968 by the spiritual leader Mirra Alfassa as a town where people from all over the world could live in harmony. Its focal point is the Matrimandir, a futuristic, spherical temple covered in gold discs. Auroville Botanical Gardens protects the region's tropical dry evergreen forest. Auroville Beach is a long sandy stretch with gentle surf.



Government Museum, Egmore A variety of artifacts including archeology, numismatics, zoology, natural history, sculptures, palm-leaf manuscripts and Amravati paintings.



Museum also houses the Connemara Public Library and the National Art Gallery. Connemara Public Library is one of the four National Depository libraries and the National Art Gallery building is one of the finest Indo-saracenic types of architectures in the country.



Wildlife: **Arignar Anna Zoological Park** is located south-west of the city and covering an area of 1490 acres is India's largest zoo. **Madras Crocodile Bank** is an important centre for herpetological research houses several crocodiles, alligators, & gharials.

Kanchipuram: It is a famous temple city situated at 70 KM which is known as “The City of Thousand Temples” is considered one of the seven holliest cities to the Hindus of India. City is well known for the production of the Silk Sarees.



Ekambaratha Temple