

Guidelines for submitting an abstract

Abstract with name & affiliation of authors should be organized in a page as given below.

Title of the Paper (Centre alignment, upper case, font size 12, bold)
Name (s) and Address (es) of the Author(s) (Centre alignment, title case, font size 12, names alone bold. Please underline the name of the presenter in the author list. The abstract should be with a small Background, Methods, Results, Conclusion and with Keywords (Maximum 300 words). It should be in Microsoft Word with Times New Roman, font size 12 with a line space of 2.

Deadlines

Receipt of Abstracts	: February 20, 2019
Acceptance of Abstracts	: February 22, 2019
Early Bird Registration	: February 20, 2019
Last date for Registration	: March 6, 2019

Registration Fees

Members of SAC	: 1000 Rupees
Non-Members	: 1500 Rupees
Students/Research Scholar	: 750 Rupees

About the Department of Chemical Oceanography

The Department of Chemical Oceanography was established in 1996 under the umbrella of School of Marine Sciences of the Cochin University of Science and Technology, with facilities for training, research and consultancy in hydrochemical and analytical studies on diverse aspects of the environment. The department has pioneered in investigations in many areas of vital national/international significance. The contribution of this department in areas of nutrient chemodynamics, phase exchange of

aquatic pollutants, biogeoorganics, trace metal speciation etc. has made valuable inputs into the national database.

About Inter-University Centre for Development of Marine Biotechnology

Established in 2009, the centre aims at identification and estimation of marine natural products along with the applications in the biotechnology sector. It functions as interuniversity facility to foster the requirements of programs in research as well as teaching in the marine organic chemistry. It is one of the interuniversity centres supported by the government of Kerala. The work of the centre is mainly concentrated on the extraction and isolation of bioactive metabolites from marine flora and fauna and on enzyme inhibitors from marine sources.

About Society of Aquatic Chemists(SAC)

It is established in December 2005 by the students, alumni and teachers of the Department of Chemical Oceanography for the conservation and management of water. The main objectives are to arrange a common platform for sustainable water management, to develop a water database of Kerala, assessment of water quality and availability in Kerala and to make public awareness about water-related subjects.

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National Seminar on Aquatic Chemistry

AQUASEM'19

Recent Developments in Aquatic Chemistry

March 21-23, 2019

Venue: School of Marine Sciences

Organised by



Department of Chemical Oceanography,

Inter University Centre for Development of Marine

Biotechnology

&

Society of Aquatic Chemists(SAC)

School of Marine Sciences,

Cochin University of Science and Technology,

Kochi-682016

Background

The vital role of water in the sustenance of life and environmental health is well recognized, but throughout the planet the issues affecting the availability and the state of water resources cause a severe concern. The growing demand due to increasing urbanization, agricultural activities and industrial operations pressurizes the limited water supply of the planet. One of the serious implications of the unsustainable use of water resources is the loss of wetlands and aquatic systems which play a decisive role in the conservation of biodiversity. A holistic approach that balances the competing demands for water in various sectors, therefore, is essential in achieving the efficient, equitable and environmentally sustainable use of their water resources.

Chemical Process in the marine realm has a profound impact on key aspects of the environment while providing the tools to study other fundamental properties. Thus, ocean chemistry is among the most interdisciplinary of marine sciences, the greater linkage is recommended to other oceanographic and material science disciplines.

Various reports of UNDP indicate that India faces a turbulent water future as demand for India's water is expected to exceed all its sources of supply. The precarious balance between growing demands and supplies bring forth the importance of maintaining the quality of both surface and groundwater. This conference will review the latest developments in science and technology of water chemistry with specific reference to the water resources and its management requirements of India

Main Themes

The main themes are focused on the chemistry of the aquatic systems and the management strategies of the resources, they include

1. Water resources quality
2. Estuaries and Coastal Systems
3. Biogeochemistry of Oceans
4. Natural products / Bio-active Compounds
5. Aquatic Pollution
6. Water policies and management

Organizing Committee

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