

Special Issue

The 10th Anniversary of *JMSE*— Recent Advances in Section Chemical Oceanography

Message from the Guest Editors

- This Special Issue aims to gather moderate-sized original research or review papers featuring important and recent developments or recent progress in chemical oceanography with an emphasis on the study of the chemical components of the oceans, their reactions, and their pathways of transformation and the impact that they have on aquatic biota. Emphasis is placed on organic and inorganic compounds, particulate and dissolved material, and the ocean sediments; the pathways that compounds follow affect the global cycling of elements such as carbon and nitrogen, and relationships with biological activity.
- The papers can cover either experimental or field research in environments such as cold seeps and saline lakes, salt marshes, and deep ocean sediments combining field observations, laboratory experiments, and computer models to understand factors affecting chemical compositions and how they vary in time and space. The main topics, though not exclusively, include sources, transport, alterations and fate of organic compounds in aquatic and atmospheric environments; the molecular characterization of riverine/estuarine/marine dissolved organic matter (DOM); etc.

Guest Editors

Prof. Dr. Michele Arienzo

Dr. Gaetana Napolitano

Prof. Dr. Carlo Donadio

Deadline for manuscript submissions

closed (31 December 2023)



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About the Journal

Message from the Editor-in-Chief

The *Journal of Marine Science and Engineering* (JMSE, ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
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