



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

Guest Editors:

Message from the Guest Editors

Prof. Dr. Michele Arienzo

Department of Earth Sciences,
Environment and Resources,
University of Naples Federico II,
Via Cintia 21, 80126 Naples, Italy

**Assoc. Prof. Dr. Gaetana
Napolitano**

Department of Sciences and
Technology, University of Naples
Parthenope, Via Acton 38, 80133
Naples, Italy

Prof. Dr. Carlo Donadio

Department of Earth,
Environment and Resources
Sciences (DlSTAR), University of
Naples Federico II, Naples, Italy

Deadline for manuscript
submissions:

closed (31 December 2023)

- 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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
School of Engineering, The UWA
Oceans Institute, The University
of Western Australia, Perth, WA
6009, Australia

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed with Scopus, SCIE (Web of Science), Ei Compendex, GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (Engineering, Marine) / CiteScore - Q2 (Ocean Engineering)

Contact Us

*Journal of Marine Science and
Engineering* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jmse
jmse@mdpi.com
X@JMSE_MDPI