



Technological Oceanography

Guest Editors:

Dr. Mikhail Emelianov

Instituto de Ciencias del Mar,
CSIC, Barcelona, Spain

Prof. Dr. Georgy I. Shapiro

School of Biological and Marine
Sciences, University of Plymouth,
Drake Circus, Plymouth PL4 8AA,
UK

Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editors

Advances in our understanding of phenomena in the ocean would not be possible without innovations. Identifying new phenomena, assessing environmental risks, and delivering observational data to modelers all require technology solutions. This Special Issue aims to present an oceanographic perspective on modern technology, allowing for a better understanding of the ocean in all its diversity, taking into account both societal and scientific needs. Original papers and thematic reviews based on applications of novel technologies are encouraged, specifically submissions related to topics such as:

- Global, meso-, submeso-, and small-scale oceanic processes;
- Physical, chemical, biological, and dynamic characteristics of water masses;
- Remote sensing and in situ observational methods;
- Autonomous and remotely operated vehicles;
- Moored and towed instrumentation carriers;
- Drifters and profiling floats.
- New Ocean Modeling Techniques.

Contributions presenting novel creative approaches in new sensors, observational programs, and sampling strategies are particularly welcomed.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Tony Clare

School of Natural and
Environmental Sciences,
Newcastle University, Newcastle
upon Tyne NE1 7RU, UK

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.

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), GeoRef, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Engineering, Marine*) / CiteScore - Q2 (*Ocean Engineering*)

Contact Us

*Journal of Marine Science and
Engineering* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/jmse
jmse@mdpi.com
[X@JMSE_MDPI](https://twitter.com/JMSE_MDPI)