

Special Issue

Technological Oceanography

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.

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)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/88385

*Journal of Marine Science and
Engineering*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jmse@mdpi.com

mdpi.com/journal/

jmse





Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



[mdpi.com/journal/
jmse](https://mdpi.com/journal/jmse)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2025).