

Special Issue

State-of-the-Art in Physical Oceanographic Instrumentation and Operational Oceanography

Message from the Guest Editors

Within the relatively young discipline of physical oceanography, during the last few decades, operational oceanography has affirmed itself as a relevant branch due to the increasing variety of downstream services useful for both scientific and socio-economic purposes. Operational oceanography can be defined as the activity of systematic and long-term routine measurements of the sea, ocean and atmosphere, and their rapid interpretation and dissemination. Physical oceanographic instrumentation is a fundamental pillar of operational oceanography, together with the rapid transmission of observational data to assembly centers, automatic quality control procedures, and their assimilation into numerical models for producing nowcasts, forecasts and hindcasts. High-quality papers are encouraged for publication, directly related to various aspects, as mentioned above. Papers dealing with novel instruments, methods and techniques are encouraged.

Guest Editors

Prof. Aniello Russo

DISVA, Marche Polytechnic University, 60121 Ancona, Italy

Dr. Andrea Storto

Institute of Marine Sciences (ISMAR), National Research Council (CNR), 00133 Rome, Italy

Deadline for manuscript submissions

closed (1 March 2023)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/131218

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

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
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 15.6 days after
submission; acceptance to publication is undertaken in 1.9
days (median values for papers published in this journal in
the first half of 2025).