

Special Issue

Applications of Sensors in Marine Observation

Message from the Guest Editors

Advanced sensor technologies have become indispensable tools for observing and understanding marine ecosystems, detecting environmental changes, and supporting sustainable ocean development. This Special Issue, entitled "Applications of Sensors in Marine Observation", aims to explore innovative developments and applications of sensors in the marine domain. Topics of interest for this Special Issue include, but are not limited to, the following:

- Development of innovative sensors for oceanographic measurements.
- Integration of sensor technologies into autonomous underwater vehicles (AUVs), remotely operated vehicles (ROVs), and other marine platforms.
- Real-time monitoring solutions for coastal, oceanic, and deep sea environments.
- Case studies demonstrating the use of sensors for marine resource management and environmental monitoring.
- Challenges and opportunities in deploying sensors in extreme marine conditions.

We look forward to receiving your contributions that will advance our understanding and sustainable management of the marine environment through sensor technologies.

Guest Editors

Dr. Tiago Matos

Dr. Marcos Martins

Dr. Carlos Faria

Deadline for manuscript submissions

5 December 2025



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/227829

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).