

Special Issue

Marine Environmental Protection and Monitoring

Message from the Guest Editor

Marine environments are complex systems with rich biodiversity. The marine environment covers 71 percent of the earth's coverage. Marine environment monitoring has increasingly attracted attention and focuses on a wide variety of biological, physical, and chemical parameters. This Special Issue welcomes a broad range of research types. The main scope of this Special Issue include, but are not limited to, the following viewpoints:

- Monitoring technologies and methods for marine environments from a microbiological perspective;
- Investigations on the biogeochemical cycles in polluted coastal areas;
- Internet of Things (IoT) in marine environment monitoring and protection;
- Recent advanced technologies, such as remote sensing, machine learning techniques, etc., in marine environmental monitoring;
- The control and prevention of ship-source pollution, including oil, chemicals carried in bulk, sewage, garbage, and emissions from ships, including air pollutants and greenhouse gas emissions;
- Ballast water management, anti-fouling systems, ship recycling, pollution preparedness and response
- Coastal protection, focusing on floods, erosion, sea level rises

Guest Editor

Dr. Milva Pepi

Fano Marine Centre, Stazione Zoologica Anton Dohrn, 61032 Fano, Italy

Deadline for manuscript submissions

closed (10 May 2025)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/224057

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](https://www.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).