

Special Issue

Innovative Marine Environment Monitoring, Management and Assessment

Message from the Guest Editors

The marine environment is faced with numerous threats, including pollution, overfishing, climate change, and habitat destruction. Effective monitoring, management, and assessment of the marine environment are essential to ensure its sustainability and protect biodiversity. This Special Issue aims to provide a platform for researchers and practitioners to share their latest findings and innovative solutions in the field of marine environment monitoring, management, and assessment. We welcome original research articles, reviews, and perspectives on the topics mentioned above. The scope of the Special Issue includes, but is not limited to, the following topics:

- Environmental DNA Metabarcoding for Environmental Monitoring and Management;
- Marine Monitoring Using Optical Fiber Sensors and Acoustic Detection Systems;
- Big Data and Artificial Intelligence for Enhanced Environmental Assessment and Management;
- Novel Assessment and Management Solutions for the Sustainable Use of Marine Resources;
- Marine Biodiversity Monitoring, Assessment Conservation, and Restoration.

Guest Editors

Dr. Jinping Cheng
Prof. Dr. Huayong Yang
Dr. Liang Fang

Deadline for manuscript submissions

closed (5 June 2025)



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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

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Author Benefits

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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).