

Special Issue

Advanced Condition Monitoring and Intelligent Operation & Maintenance Technologies in Ships and Offshore Facilities

Message from the Guest Editors

In recent years, Intelligent Operations Management on ships and offshore facilities has witnessed rapid developments and innovations, which are of great significance for the Intelligent condition monitoring of ship machinery equipment, the remote monitoring and control of large offshore platforms, and optimization and hazard warning for ship navigation routes. For example, intelligent operations management technologies are employed in condition monitoring, fault diagnosis, life expectancy prediction, exhaust emission control, the remote control of offshore platforms, automatic navigation and collision avoidance, and maritime communication and positioning, etc. This Special Issue aims to highlight the latest advances in marine intelligent operations management technology, including, but not limited to, original research and reviews on the sensing mechanisms, structural design, system modeling and simulation, advanced manufacturing technologies, detection circuits, signal processing, sensor reliability, sensor interfaces, as well as original algorithmic research related to the intelligent management of operations. We look forward to receiving your papers.

Guest Editors

Prof. Dr. Hongpeng Zhang
Dr. Xingming Zhang
Dr. Lin Zeng

Deadline for manuscript submissions

closed (25 September 2024)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/191261

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://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).