

Special Issue

Analysis of Designs for Ship and Offshore Structures

Message from the Guest Editors

This Special Issue thus covers research topics related to the design and analysis of new and existing ships and offshore structures. All theoretical, analytical, numerical, and experimental research, as well as review papers and case studies of engineering applications in ships and offshore structures, are warmly invited. This Special Issue aims at gathering the most promising research, and contributions focused on new challenges are particularly encouraged. A rapid reviewing process and open access publication will be provided for high-quality papers on the following topics:

- Hydrodynamic analysis;
- Structural design and analysis;
- Mooring system analysis;
- Local strength analysis of welded joints;
- Hydroelastic analysis;
- Structural health monitoring and conditions assessment;
- Reliability and risk analysis;
- Fluid–structure interactions;
- Structure–soil interactions;
- Transportation and installation analysis of offshore structures;
- Fire and explosion analysis;
- Fatigue and fracture analysis;
- Life cycle assessment and recycling.

Guest Editors

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Deadline for manuscript submissions

closed (1 April 2024)



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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).