

Special Issue

Ship Structures

Message from the Guest Editors

This Special Issue covers research topics related to ship structural design and analysis, aiming to have safe, economical, and comfortable ship structures through their entire lifetime. Analytical, numerical, and experimental researches, as well as review papers and case studies of innovative engineering applications for all types of ship structures are warmly invited. A rapid reviewing process and open-access publication will be provided for high-quality papers on the following topics:

- Probabilistic modeling of waves and wave-induced loads;
- Modelling of ice and ice-induced loads;
- Quasistatic and dynamic structural response prediction;
- Structural design and optimization;
- Ultimate strength of plates, stiffened panels, and hull girders;
- Fatigue strength and crack growth of welded structures;
- Uncertainty modeling, reliability, and risk-based methods;
- Springing and whipping of ship structures;
- Collision and grounding;
- Vibration and noise;
- Corrosion degradation and resulting structural strength;
- Maintenance planning of ship structures;
- Full-scale measurements and structural health monitoring;
- Composites and hybrid ship structures.

Guest Editors

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Deadline for manuscript submissions

closed (20 January 2022)



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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

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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 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).