

Special Issue

Analysis of Strength, Fatigue, and Vibration in Marine Structures

Message from the Guest Editors

We propose a Special Issue (SI) that covers a wide range of topics related to the static and dynamic analyses of various marine structures. This includes ships, both floating and fixed offshore structures, submarines, fish farms, and renewable energy devices. We invite submissions that include analytical, numerical, and experimental studies, as well as reviews of the current state of the art and benchmark studies focused on strength, fatigue, vibration, and noise prediction analyses. Contributions that showcase advanced applications of structural analysis in the design, maintenance, repair, lifetime extension, and requalification of marine structures are especially encouraged. Additionally, submissions involving multi-physics and multi-scale simulations, such as thermo-mechanical, hydro-elastic, and fracture mechanics analyses, are highly suitable for this collection. We will ensure a rapid review process and provide open-access publication for high-quality papers submitted to this special issue.

Guest Editors

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Deadline for manuscript submissions

25 September 2025



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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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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).