

Special Issue

Lightweight and Additively Manufactured Structures in Marine Applications

Message from the Guest Editors

In order to achieve the full potential of lightweight and additive manufacturing structures for marine applications, a significant research effort is required in order to establish a high level of confidence for their design and lay strong foundations for clear and reliable guidelines and regulations. The objective of this Special Issue is to provide a platform to share the latest research advances concerning both lightweight marine structures and additive manufacturing potentialities in the marine industry. Both full research papers and review articles are welcome. Potential topics include, but are not limited to, the following:

- Lightweight design methodologies for marine structures;
- Experimental and numerical analyses on lightweight or additively manufactured marine structures;
- Lightweight structures' performance evaluation, failure analysis and repair strategies;
- Evaluation of potentialities of additive manufacturing technologies in the marine industry;
- Integration and connection solutions for the integration of lightweight and/or additively manufactured solutions in marine structures

Guest Editors

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Deadline for manuscript submissions

closed (20 January 2024)



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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

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Journal Rank:

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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).