

Special Issue

Design Optimisation in Marine Engineering

Message from the Guest Editors

This Special Issue aims to analyse the current situation, highlight the challenges, and explore the horizon of opportunities that SBDO presents for marine engineering. Thus, we are pleased to invite you to submit original research articles and reviews belonging to the field of SBDO used for marine engineering applications. Research areas may include (but are not limited to) the following:

- SBDO in ship hull design to reduce drag and enhance fuel efficiency;
- SBDO for the design of marine propulsion systems (e.g., engines, propellers, shafts, rudders);
- SBDO for the development and optimisation of marine energy production systems (e.g., tidal, wave energy converters);
- SBDO used to enhance the safety and reliability of offshore structures;
- Advancements of SBDO in marine engineering (e.g., integration of machine learning algorithms, incorporation of real-time data analytics, coupling with artificial intelligence).

Guest Editors

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Deadline for manuscript submissions

closed (5 January 2026)



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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

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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).