

## Special Issue

# Contemporary Research on Improving the Performance of Modern Marine Vehicles

### Message from the Guest Editors

Marine transportation plays a crucial role in global trade; the performance of modern marine vehicles has significantly improved over the past few decades, largely driven by IMO regulations. In addition, the demand for high-quality food and stable energy supplies brings new applications and challenges for ships and marine vehicles. As a result, researchers and engineers are striving to develop advanced technologies to improve the performance of modern marine vehicles in alignment with the rapid expansion of industry trends, including IoT, data mining, digital twin, AI, etc. This Special Issue aims to bring together cutting-edge research and insights from experts in the field, focusing on improving the performance of modern marine vehicles in both design and off-design conditions. We hope this Special Issue will provide a valuable resource for worldwide researchers, engineers, and practitioners working in the marine vehicle engineering and design field. We believe the articles in this issue will inspire new ideas and innovations, leading to further advancements in the performance of modern marine vehicles.

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 September 2024)



## Journal of Marine Science and Engineering

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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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#### 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).