

## Special Issue

# Computational Fluid Dynamics and Acoustic Design Methods for Ship

### Message from the Guest Editors

This Special Issue is dedicated to "Computational Fluid Dynamics and Acoustic Design Methods for Ship", aiming to consolidate and showcase the latest advancements and innovative applications of computational fluid dynamics and structural acoustics technology for addressing problems within the field of marine science and engineering. The topics of interest for publication include, but are not limited to, the optimization design of ships and propellers, ship-propeller interactions, combined wind and wave load-induced complex effects on ships, cavitation in marine propellers, coastal erosion due to wave action and harbor resonance induced by waves, numerical methods for ship structural vibration and sound radiation, the acoustic optimization design of ship structures, and innovative methods for vibration and noise reduction in ships. We invite you to submit original research papers, review articles, or case studies related to the above topics. We anticipate that your submissions will advance our collective knowledge of marine science and engineering and provide solutions to practical engineering problems.

### Guest Editors

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### Deadline for manuscript submissions

20 November 2025



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



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*Journal of Marine Science and  
Engineering*  
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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.

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### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
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