

# Special Issue

## Ship Design and Structure Dynamics

### Message from the Guest Editors

The vibration and noise level of a ship directly affect the working and living environment of the staff on board, and reduce the service life of marine equipment and precision instruments. Ship structural dynamics is one of the main factors to be considered when designing a ship. In recent years, new types of ships have been constantly produced, and ship structure dynamics have presented new characteristics, requirements, and problems. Meanwhile, many new methods and techniques have been proposed to study the basic theory of ship structure vibration, the steady-state response of ship structure under periodic load, the transient response under short-term impact load, and the principles of ship structure vibration prevention and vibration reduction. This Special Issue aims to report state-of-the-art developments in the field of ship design and structure dynamics. Original research and review articles related to the topic are welcome.

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### Guest Editors

Dr. Tiangui Ye  
Dr. Yukun Chen  
Prof. Dr. Guoyong Jin

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### Deadline for manuscript submissions

closed (6 May 2024)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
CiteScore 5.0



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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).