

## 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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*Journal of Marine Science and Engineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[jmse@mdpi.com](mailto:jmse@mdpi.com)

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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  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

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