

## Special Issue

# Advances in Marine Engineering Hydrodynamics

### Message from the Guest Editors

Marine engineering hydrodynamics is the foundation of marine, ship, coastal, and offshore engineering, covering a wide range of topics related to ship hydrodynamics, ship structural mechanics, and fluid–structure interaction. In recent years, due to climate change and the development of ocean engineering, the subject of marine engineering hydrodynamics has received increasing attention, being widely applied in the fields of offshore renewable energy (wind, tidal, wave, multi-energy integrated system), marine equipment hydrodynamics (ship hydrodynamics, hydroelasticity, tank sloshing), polar engineering, marine aquaculture, coastal protection, marine environment, shipping, and more. This Special Issue focuses on recent advances in the theoretical, computational, and experimental contributions to all aspects of marine engineering hydrodynamics.

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### Guest Editors

Prof. Dr. Yihan Xing

Prof. Dr. Fengmei Jing

Dr. Renwei Ji

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### Deadline for manuscript submissions

closed (20 February 2025)



## 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

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  
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