

## Special Issue

# Emerging Topics in Intelligent Technology for Maritime Autonomous Systems

### Message from the Guest Editors

The maritime industry is on the cusp of a technological revolution with the advent of autonomous ships. Autonomous systems, equipped with advanced sensors and artificial intelligence technologies, are set to transform maritime transportation, offering increased safety, efficiency, and environmental sustainability. This Special Issue aims to explore innovative technologies and methodologies that contribute to the autonomy of systems, especially maritime autonomous systems, covering topics such as navigation systems, intelligent decision-making, multimodal agents, next-generation human-computer interactions, and autonomous agents. It provides a platform for researchers and industry experts to share innovative solutions and discuss challenges in the field. The concept of autonomous ships has progressed from theoretical models to practical implementations, reflecting significant strides in maritime engineering and AI over recent decades. We invite original research, comprehensive reviews, and case studies that offer novel insights or practical solutions to emerging topics in intelligent technology for autonomous systems.

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### Guest Editors

Prof. Dr. Jin Liu  
Prof. Dr. Jialun Liu  
Prof. Dr. Zhouhua Peng

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### Deadline for manuscript submissions

closed (10 November 2025)



## Journal of Marine Science and Engineering

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Impact Factor 2.8  
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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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