

## 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.

---

### Guest Editors

Prof. Dr. Jin Liu

Prof. Dr. Jialun Liu

Prof. Dr. Zhouhua Peng

---

### Deadline for manuscript submissions

10 November 2025



## Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/si/226228](https://mdpi.com/si/226228)

*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)

[mdpi.com/journal/](https://mdpi.com/journal/)  
[jmse](https://jmse)





# Journal of Marine Science and Engineering

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.0



[mdpi.com/journal/  
jmse](https://mdpi.com/journal/jmse)



## 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.

---

### Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi  
School of Engineering, The UWA Oceans Institute, The University of  
Western Australia, Perth, WA 6009, Australia

---

### Author Benefits

#### High Visibility:

indexed with Scopus, SCIE (Web of Science), Ei  
Compendex, GeoRef, Inspec, AGRIS, and other databases.

#### 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 15.6 days after  
submission; acceptance to publication is undertaken in 1.9  
days (median values for papers published in this journal in  
the first half of 2025).