

## Special Issue

# Autonomous Marine Vehicle Operations—3rd Edition

### Message from the Guest Editors

The *Journal of Marine Science and Engineering* is pleased to announce a Special Issue entitled “Autonomous Marine Vehicle Operations—3rd Edition”, based on the great success of our previous Special Issue with the same titles. The world has witnessed a rapid development of unmanned systems, which has paved the way for innovative approaches to previously unsolvable problems in marine and ocean engineering. Advanced and intelligent operation methods of marine vehicles are being applied to a variety of significant engineering applications, contributing to successful interdisciplinary cooperation. This edition of the Special Issue on marine vehicle operation invites submissions on the following topics:

- Water surface object detection and recognition;
- Underwater vision and identification;
- Marine vehicle navigation, guidance, and control;
- Path planning, path following, and trajectory tracking;
- Collision avoidance and obstacle avoidance;
- Coordination and game for marine vehicles;
- Fault diagnosis design and fault tolerant control;
- Marine vehicle modelling and simulation technologies;
- Propulsion systems and energy efficiency.

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### Guest Editors

Prof. Dr. Xiao Liang  
Prof. Dr. Rubo Zhang  
Dr. Xingru Qu

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### Deadline for manuscript submissions

closed (25 March 2026)



## Journal of Marine Science and Engineering

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an Open Access Journal  
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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

*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

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

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### 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 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).