

## Special Issue

# Development and Implementation of Autonomous Vehicles and Their Impact on Maritime Safety

### Message from the Guest Editors

This Special Issue aims to explore the application of smart shipping navigation and vessel traffic services in improving maritime safety. The Special Issue will focus on, but is not limited to, the following topics: Smart shipping navigation systems and their role in ensuring safe vessel operations; Vessel traffic services and their contribution to maritime safety management; Integration of artificial intelligence, Internet of Things (IoT), and machine learning techniques in maritime safety; Development and implementation of autonomous vessels and their impact on maritime safety; Risk assessment and management in smart shipping navigation and vessel traffic services; Cybersecurity challenges and solutions in smart shipping and vessel traffic management; Case studies and practical applications of smart shipping technologies for maritime safety.

### Guest Editors

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Prof. Dr. Shiyuan Zheng

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### Deadline for manuscript submissions

closed (1 June 2024)



## Journal of Marine Science and Engineering

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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  
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