

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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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

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