

Special Issue

Maritime Transportation Safety and Risk Management

Message from the Guest Editors

The aim of this Special Issue, “Maritime Transportation Safety and Risk Management”, is to provide a common platform for academia and industry to engage in discussions by publishing high-quality original research papers, including, but not limited to, the following topics:

- Systematic, critical and bibliometric review in maritime safety and risk;
- Maritime transportation safety incidents, accidents, occurrences trends;
- Assessing the human error contribution to maritime occurrences using Bayesian networks;
- Risk-informed decision-making under uncertainty in the maritime domain;
- Advances in maritime and arctic safety and survival;
- Integration of AI-based decision support tools for maritime survival and emergency response;
- Artificial intelligence integration in maritime transportation safety;
- Maritime transportation accident learning systems: towards an AI-powered safety culture;
- Arctic maritime risk modelling under climate change scenarios;
- Cyber risk assessment framework for autonomous and digitized vessels;
- Quantifying organizational and cultural factors in maritime risk tolerance;
- Data-driven predictive models for maritime risk assessment.

Guest Editors

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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.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi
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