

Special Issue

Marine and Coastal Hazards: Risk Identification, Monitoring, Assessment and Management

Message from the Guest Editors

Marine and coastal hazards pose significant risks to coastal communities, ecosystems and infrastructure worldwide. These hazards, including storms, flooding, erosion, tsunamis and climate change impacts, require effective identification, monitoring, assessment and management strategies to mitigate their potential consequences. We welcome submissions on a wide range of topics related to marine and coastal hazards, including, but not limited to:

- Hazard identification and mapping techniques;
- Coastal vulnerability assessment and modeling;
- Risk assessment and management strategies;
- Climate change impacts on marine and coastal hazards;
- Storm surge and flooding prediction and mitigation;
- Erosion and sediment transport processes;
- Tsunami detection, warning systems and preparedness;
- Remote sensing and GIS applications in hazard monitoring;
- Coastal infrastructure resilience and adaptation.

Guest Editors

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Deadline for manuscript submissions

closed (5 October 2024)



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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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manuscripts are peer-reviewed and a first decision is
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the first half of 2025).