

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

Prof. Dr. Dong-Jiing Doong

Department of Hydraulic and Ocean Engineering, Coastal Ocean Monitoring Center, National Cheng Kung University, Tainan, Taiwan

Prof. Dr. Dong-Sheng Jeng

School of Engineering and Built Environment, Griffith University, Gold Coast Campus, Southport, QLD 4222, Australia

Deadline for manuscript submissions

closed (5 October 2024)



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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

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.

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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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).