

Special Issue

Coastal Disaster Assessment and Response

Message from the Guest Editor

There has been a substantial increase extreme natural events (e.g., hurricanes, storms, tsunamis, and landslides) over the past four decades. Given the high population concentration in low-elevation coastal zones, the most pressing challenge for coastal communities is to strengthen their resilience to future coastal disasters. Understanding risk and planning actions ahead of time is critical for improving the ability to adapt to changing conditions and rapidly recovering from disruption caused by these threats. A proper disaster response will reduce disaster-related fatalities, ensure the economic sustainability of coastal communities, and help to maintain coastal ecosystems. This Special Issue aims to address the impact of extreme natural events on coastal communities and promote coastal disaster preparedness. Original research articles and reviews are all welcome. Research areas may include (but are not limited to) pre-field, field, post-field surveys, as well as analytical, numerical, and experimental approaches, to assess coastal disaster impacts and responses. We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (25 March 2025)



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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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