

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

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

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