

Special Issue

Nature-Based Solutions for Coastal Protection

Message from the Guest Editors

Coastal communities are facing many hazards including erosion, storms, flooding, tsunamis, sea level rise, and other markers of climate change. Natural and nature-based solutions have the potential to protect coastlines without unintentionally adverse environmental impact and have the potential (with careful design and maintenance) to adaptively accommodate an uncertain climate future. This Special Issue intends to collect novel research and reviews on natural and nature-based solutions for coastal protection including but not limited to the following topics:

- Coastal processes and potential coastal hazards, especially under climate change
- Studies of the efficacy of natural and nature-based solutions (e.g., vegetation, kelp, reefs, aquaculture structures, etc.) for coastal protection
- Comparative reviews of the state-of-the-art in natural and nature-based solutions
- Interdisciplinary research on ecological, social, and economic benefits from nature-based solutions
- Interdisciplinary research on natural and nature-based solutions combined with existing and future hard structures

Guest Editors

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Deadline for manuscript submissions

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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

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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).