

Special Issue

Nature-Based Solutions to Enhance Coastal Resilience

Message from the Guest Editors

NbS can include both natural and green infrastructures. The natural infrastructures include the creation and restoration of coastal ecosystems (wetlands, biogenic reef structures, seagrass beds, and dune vegetation, among others), while the green infrastructures include a “living shoreline” approach to coastal improvement. Such an infrastructure can be created using plants, reefs, sand, and natural barriers to reduce erosion and flooding. Nature-based solutions are becoming more prevalent and widely accepted as infrastructure solutions in coastal management. This Special Issue aims to provide an overview of the progress made in this area, including case-studies, challenges, and solutions.

Keywords Nature-based solutions Ecosystems Green infrastructure Building with nature Climate change Erosion Geology Management Sustainability

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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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