

Special Issue

Non-conventional Coastal Protection Solutions

Message from the Guest Editors

This Special Issue is devoted to nonconventional environmentally friendly solutions for beach and dune protection and development. This includes either alternative structural measures, such as artificial reefs, module dissipation by macroroughness, sand bags, porous seabeds, and living seawalls, or approaches based on naturalistic engineering (vegetated seabeds, dune grass planting), or systems combining shore protection and wave energy conversion. Gravel beach nourishments and beach drainage systems are also within the scope of the SI. Laboratory and numerical research papers are both warmly encouraged as well as case studies documenting the hydraulic and structural response of the systems in selected environments. Articles suggesting procedures for conceptual design are particularly welcome. With your valuable contribution, we hope to provide engineers and scientists communities with a detailed state of the art on this challenging research topic.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2024)



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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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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).