

Special Issue

Modelling of Harbour and Coastal Structures

Message from the Guest Editors

Being the most heavily populated areas in the world, coastal zones host the majority and some of the most important human settlements, infrastructure and economic activities. Harbour and coastal structures are essential, facilitating the transport of people and goods through ports, and protecting low lying areas against flooding and erosion. While based on relatively rigid concepts about service life in the past, nowadays, the design of these structures—or the upgrading of existing structures—should effectively proof them against future pressures, enhancing their resilience and long-term sustainability. This Special Issue invites original scientific contributions on topics including:

- Harbour and coastal structures design and upgrading (seawalls, revetments, bulkheads, jetties, emerged/submerged groins and breakwaters, artificial reefs, etc.).
- Wave agitation and siltation problems in harbour basins and approach channels.
- Shoreline erosion control downcoast of harbours.
- Harbour layout design.

Research articles, review articles and case studies are welcome; contributions can be based on numerical, physical or combined numerical and physical modelling.

Guest Editors

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Deadline for manuscript submissions

closed (20 November 2020)



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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

Prof. Dr. Charitha Pattiaratchi

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).