

Special Issue

Response of Offshore and Coastal Structures Subject to Currents and Waves

Message from the Guest Editor

It is well appreciated that the marine engineering industry and research has been rapidly extended offshore. Indeed, structures are not limited to a certain number of oil and gas offshore platforms anymore. The oil crisis along with a serious concern around issues concerning the climate crisis have led the global community and the industry to move toward sustainable and effective renewable energy sources, such as offshore wind turbines and nearshore and offshore wave (and/or) current energy extraction devices.

Simultaneously, fish farms are moving offshore to be able to maintain water quality within fish cages in a more effective and more environmentally friendly manner.

Therefore, engineers and researchers face new challenges concerning the design of the new type of nearshore and offshore structures against the harsh ocean environment. This Special Issue aims to bring together the latest achievements related to structures' responses to waves and currents and disseminate it freely to the academic and industrial community.

Manuscripts of high-quality standard, investigating the mentioned topics and/or new related ones, proposals of novel approaches are largely encouraged.

Guest Editor

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Deadline for manuscript submissions

closed (16 March 2021)



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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).