



Design of Harbour and Coastal Structures

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Message from the Guest Editors

Dear Colleagues,

The design, management, use, maintenance, improvement, adaptation and construction of coastal and harbour structures are at an important historical point, highly influenced by the current effects of climate change, the increasingly demanding requirements of use and the growing sizes of vessels and the need to locate them in areas increasingly exposed to more extreme oceanic climates.

Therefore, the current methods must be improved with designs that consider their ecological effects, adaptability, resilience, cost and efficiency, more in line with the actual capabilities of hi-res climate databases, novel instrumentation techniques, advanced numerical approaches and highly detailed laboratory tests. As well as new structures, pre-existing structures (which have a shorter lifespan in terms of usefulness) need to be revised, improved and/or adapted in the very short term.

The purpose of this Special Issue is to publish the most exciting research with respect to the abovementioned subjects, provide a rapid turn-around time regarding the review and publication process and to disseminate the articles freely for research, teaching and reference purposes.





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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.

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