

Special Issue

Nature-Based Solutions in Coastal Systems

Message from the Guest Editors

Coastal systems are very dynamic and predilect places for human activities and settlements. The challenges are multiple, ranging from a continuous increase in economic activities to accelerated sea level rise and sediment starvation. In the last century, coastal protection and development were initially focused on hard structure construction, then on hybrid approaches, where more sustainable solutions such as artificial beach nourishments were combined with hard structures. Currently, nature-based solutions (NbSs) are an innovative concept that aims to restore and develop natural values, resulting in improved coastal defense and a wide range of ecosystem services. Recently, many projects were concerned with NbSs, transitioning from an alternative solution to mainstreaming for coastal development. We propose this Special Issue to record the experience of NbS design and implementation and explore possible future developments. Our experience is built on projects mainly in the North Sea region, but this Special Issue is open for worldwide studies.

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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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