

## 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.

### Guest Editors

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## Journal of Marine Science and Engineering

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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.

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### Editor-in-Chief

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