

# Special Issue

## Beach-Dune System Morphodynamics II

### Message from the Guest Editors

Coastal dunes are known for their functions in ecological systems in addition to their aesthetic qualities, providing a unique habitat with high value through their biodiversity of flora and fauna. They also represent the delineation of the land to the sea and act as protective natural barrier against flooding due to storm surges and wave attack. Beach–dune systems are highly dynamic features whose evolution is mainly governed through their mutual and complex exchange of sand by hydrodynamic and aeolian processes. The sustainable and resilient conservation of beach–dune (eco)systems under a changing climate requires the insights of a number of multidisciplinary studies and approaches. Towards this vision, this Special Issue is devoted to collecting original scientific contributions based on field observations, including novel remote sensing techniques, laboratory experiments, and/or numerical modelling.

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### Guest Editors

Prof. Dr. Felice D'Alessandro

Prof. Dr. Giuseppe Roberto Tomasicchio

Dr. Ferdinando Frega

Dr. Antonio Francone

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### Deadline for manuscript submissions

closed (1 May 2023)



## Journal of Marine Science and Engineering

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### 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

Prof. Dr. Charitha Pattiaratchi  
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