

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.

Guest Editors

Prof. Dr. Felice D'Alessandro

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Dr. Antonio Francone

Deadline for manuscript submissions

closed (1 May 2023)



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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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