

Special Issue

Beach Geomorphology and Morphodynamics

Message from the Guest Editors

Beaches and barriers characterize coastal areas all around the world, providing protection from storms and flooding, hosting important ecosystems, and playing an important role for local touristic activities. The dynamics of these systems are influenced by several factors, including sediment availability and grain size, hydrodynamic processes, and geological inheritances. The interactions between these factors or alternatively solely one could influence the characteristics of the beaches and barrier systems. Furthermore, anthropogenic factors can promote changes in beach and barriers dynamics and can promote severe coastal erosion. This Special Issue is devoted to collecting original scientific contributions based on field observations, morphodynamic and hydrodynamic modeling and/or novel remote-sensing techniques. Contributions should be focused on beach and barrier morphodynamics, acting on time scales between short- and long-term periods (from days to centuries) and can involve micro-, meso-, and macrotidal environments.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2021)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/78519

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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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