

Special Issue

Sediment Dynamics in Artificial Nourishments

Message from the Guest Editor

Serious erosion problems related to significant negative sediment budgets in the coastal systems have been identified worldwide. Artificial nourishments are a coastal erosion mitigation strategy that allows decreasing those negative budgets by adding sediment to the coastal system. However, due to the complexity of the coastal processes, sediments dynamics after the intervention present difficult evaluations. Considering the above, it is important to disseminate the most updated scientific knowledge on understanding the sediment dynamics processes after artificial nourishments. Thus, this Special Issue invites significant research on cross-shore and longshore nourished sediment distribution, turbulence and suspended sediment perturbations, biological impacts, monitoring works and sand tracing, shoreline evolution impacts after nourishments, longevity of the nourishments, and artificial nourishment interaction with other coastal structures or nature-based solutions.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2022)



Journal of Marine Science and Engineering

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.0



mdpi.com/si/74449

*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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