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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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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