

Special Issue

Sediment Dynamics in Artificial Nourishments—2nd Edition

Message from the Guest Editor

Artificial nourishments are a coastal erosion mitigation strategy that allow for a decrease in negative budgets by adding sediment to the coastal system. However, due to the complexity of coastal processes, sediment dynamics after intervention present difficult evaluations. Research on improving the understanding of these complex processes was presented in the first edition of the Special Issue dedicated to Sediment Dynamics in Artificial Nourishments. The Special Issue received very positive reactions, confirming the relevance of the theme, ending with twelve manuscripts published.

This new edition of the Special Issue accepts significant research on cross-shore and longshore nourished sediments distribution, turbulence and suspended sediments 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. This new edition Special Issue aims to reinforce the importance of the research developed in understanding sediment dynamic processes related to artificial nourishments.

Guest Editor

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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

Prof. Dr. Charitha Pattiaratchi

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