



Sediment Dynamics in Artificial Nourishments

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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.





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Message from the Editor-in-Chief

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