

Special Issue

Dynamics in Coastal Areas

Message from the Guest Editors

Coastal areas currently represent the greatest challenge in ocean sciences. They are characterized by striking contrasts, because of the coexistence, side by side, of industrial settlements, densely populated communities, and environmentally valuable surroundings. Therefore, coastal dynamics and transport processes are of great importance, since they may strongly affect the ecological status of marine ecosystems. As the interface between the coastline and the open sea, they are the venue of a number of complex processes. Besides local dynamics and the interplay between coastal and offshore waters, waves play a very important role in coastal areas per se and in their interaction with coastal currents. Moreover, sea level variations are felt the most near the coast, expressing their variability at very different time scales (from tidal to interannual).

Now is the time to start building synergy within a multiplatform approach, combining observations carried out with different systems with modeling at different spatial and temporal scales.

Guest Editors

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Deadline for manuscript submissions

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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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