



Coastal Planning and Sediment Management Perspectives

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Message from the Guest Editors

Dear Colleagues,

The planning and management of coastal zones is taking place, utilizing many adaptation and mitigation strategies. Governance of natural and anthropogenic impacts are rising, influencing the effort of scientists, stakeholders, and citizens toward sustainable development (Integrated Coastal Zone Management), management of natural resources (Marine Spatial Planning), monitoring (Marine Strategy) and improvement of quality standard (Marine litter).

Beach erosion is the result of a deficit in the coastal sediment budget, and, to manage this process, coastal sediment stock assessment is crucial. With it being hard to increase sediment input from the river system, which is actually reducing due to soil erosion control, flood reduction, and dam construction, a knowledge-based management of sediment moving along the coast is the only possible short- and medium-term strategy to address the problem, with or without hard shore protection structures. Urban planning is, of course, strongly influenced by our capability to mitigate vulnerability and risk along the coast.

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