



water

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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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Special Issue



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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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