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Observation and Numerical Modeling of Sediment Transport in Coastal Areas

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Message from the Guest Editors

Dear Colleagues,

The objective of this Special Issue is to improve our knowledge of the observation and modeling of sediment transport in various coastal areas. We encourage submissions based on the studies of sediment delivery, transport, and depositional processes in multiple coastal environments in continental margins, including shelves, estuaries, deltas, bays, barrier islands, and others. We would like to gather a series of publications that highlight recent new findings on various aspects of morphodynamics, sediment dynamics, non-cohesive and cohesive sediment transport, sedimentary geology, sequence stratigraphy, geological oceanography, subsidence and land loss, sediment management, sediment-related human activities, coastal restoration, and beyond. Studies may derive from field observations, laboratory experiments, and model studies across a wide range of timescales. This Special Issue should be of interest to coastal scientists, engineers, stakeholders, resource managers, and decision makers.

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Special Issue



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Message from the Editor-in-Chief

The relevance of water in human development and sustaining life, fuels general and scholarly interest in the world's water resources. A better understanding of all aspects of water and its relation to food supply, energy production, human health, and the functioning of ecosystems is key in managing this precious resource in a sustainable, efficient and equitable manner. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications. We ensure a critical review process and a quick turnaround between submission and final decision.

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