Special Issue

Coastal Wetland Sustainability and Sediment Diversions

Message from the Guest Editor

Over the last century, diminished fluvial sediment supply, combined with high subsidence rates and saltwater intrusion, has contributed to high rates of land loss in the world's river deltas. On the Mississippi River delta, efforts amounting to USD 50 billion are currently underway to restore and protect this landscape, and a central feature of this effort is the use of large sediment diversions to re-establish the connection between the delta and its fluvial supply of sediments, nutrients, and fresh water. Though it is generally agreed that increasing sediment supply is critical to delta restoration, impacts associated with nutrient and fresh water delivery have raised concerns about diversions related to increased flooding, erosion, eutrophication, and altered salinity regimes. This Special Issue aims to bring together recent studies that examine impacts of sediment, nutrients, and fresh water delivery on the sustainability of coastal wetland ecosystems brought about by river diversions. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/coastal_wetland_sediment

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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.

Editor-in-Chief

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