

Special Issue

Sustainable Management, Conservation and Restoration in Deltaic Ecosystems with Special Emphasis on the Mississippi Delta

Message from the Guest Editors

Coastal ecosystems worldwide are under historically unprecedented threats due to combinations of factors that vary from coast to coast. These include climate change (sea-level rise, more intense storms, and changes in freshwater discharge); growing human populations in port cities near, at, or below sea level; and the increasingly unaffordable costs of protecting people and trade infrastructure in these ecologically significant systems. Deltas are especially vulnerable today because of the rapid emergence of global megacities, efforts to accommodate larger ships, and the potential for irreparable economic losses. The focus of this Special Issue will be the sustainability of both ecosystems and human populations in deltas. The Special Issue will center on the US Mississippi River Delta because of the massive engineering efforts currently underway toward restoring sustainability. In addition, we seek analyses that allow comparisons with other deltas worldwide, particularly those where ecosystem restoration initiatives are underway.

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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

Dr. Jean-Luc PROBST

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