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Climate Risk Management, Sea Level Rise and Coastal Impacts

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Message from the Guest Editors

Climate change has become a major issue for all countries due to the severity of its impact on human life and natural resources. Among others, some significant changes include increasing sea levels, temperatures and salinity. The increase in oceanic temperature is a serious issue that has led to coral bleaching, the alteration of marine species distribution, and the disruption of ocean current circulation. Salinity has a profound effect on marine ecosystems.

With the increase in the frequency of intensified cyclones and storm surges, coastal and wetland areas are undergoing significant changes. Hence, accurate and more reliable information is needed for better planning and risk management through mitigation and adaptation strategies. The aim of this Special Issue is to highlight the (i) the extent of the impact of sea level rises on coastal and wetland areas, (ii) assess the changes caused by natural disasters such as cyclones and storm surges in coastal environments, (ii) and devise climate risk management strategies to counter the projected trends regarding coastal inundation and wetland vegetation.



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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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