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Protecting Coastal Environments from the Effects of Climate Change and Urbanisation

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Deadline for manuscript submissions:
closed (30 November 2021)

Message from the Guest Editors

Coastal environments are some of the most populated on Earth but, with greater challenges projected in the future due to climate change and urbanisation, their healthy existence is increasingly perilous. Increased storm surge, flooding, and erosion due to sea-level rise (SLR) and land subsidence (LS) are major natural hazards that coastal regions will face in the 21st century, with potentially high socio-economic impacts. Furthermore, industrial spillages, effluents from sewage, refineries, urban and storm water runoff or oil leakages from broken ships can cause water quality issues, especially if the contaminants are dispersed under specific wave and current conditions, generating impacts on livelihoods of people, public health and local water quality.

Therefore, there is a strong need to develop sustainable techniques that could protect coastal regions from metereological and hydrological hazards and the diffusion and dispersion of pollutants. […]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/protecting_coastal_environments

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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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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

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