

Special Issue

Biogeochemical Cycles in Vulnerable Coastal and Marine Environment

Message from the Guest Editor

Coastal oceans are dynamic transition zones between land and sea, influenced by riverine discharge, atmospheric deposition, and open ocean interactions. They are increasingly impacted by climate change and human activities, affecting biogeochemical processes. Understanding these impacts is crucial for predicting future changes and developing solutions.

This Special Issue will focus on the various biogeochemical cycles in coastal oceans, with emphasis on the impacts of climate change and human activities on the dynamic coasts, followed by suggestions on how to overcome these problems. We welcome papers from various fields, including oceanography, biogeochemistry, hydrology, paleoceanography, etc., and covering various coastal areas, such as estuaries, coastal wetlands (including marshes and mangroves), coral reefs, upwelling areas, etc. This Special Issue will be situated in the fields of environmental monitoring, aquatic sciences, and oceanography.

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/TEOCOT4322

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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

Dr. Jean-Luc PROBST

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