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Biogeochemical Cycling of Nutrients in Water Environment

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Message from the Guest Editors

The biogeochemical cycling of nutrients plays a vital role in shaping ecosystem dynamics, water quality, and the sustainability of aquatic ecosystems. This Special Issue provides an excellent opportunity for researchers, scientists, and experts in the field to contribute their latest findings, methodologies, and insights.

We invite authors to submit original research articles, reviews, or perspectives addressing various aspects of nutrient cycling in water environments. Topics of interest for this special issue include, but are not limited to, the following:

1. Biogeochemical processes and pathways of nutrient cycling in lakes, rivers, estuaries, and coastal zones.
2. Nutrient inputs, sources, and their impacts on water quality and ecosystem health.
3. Assessing and modeling nutrient fluxes and transformations in aquatic systems.
4. The influence of human activities and land-use changes on nutrient cycling in water environments.
5. Innovative methodologies and technologies for studying nutrient cycling and its ecological consequences.
6. Integrated management approaches for sustainable nutrient cycling and water resource protection.



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Special Issue



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Editor-in-Chief

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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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