



water



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Water Treatment Modeling and Nutrient Recovery Processes

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Message from the Guest Editors

Proper and effective wastewater management is one of the most critical environmental issues. Uncontrolled wastewater discharge can lead to soil and water bodies deterioration. In particular, high concentrations of nutrients in wastewater can generate: eutrophication phenomena, compromising the quality of surface water bodies and, at the same time, reducing their biodiversity. Moreover, with the growth of urban centres and industrial development, the amount of contaminants that reach wastewater treatment plants daily is dramatically growing. Therefore, wastewater treatment plants must reach higher treatment capacities to cope with this condition. In this regard, it is necessary to develop innovative water treatments to ensure high-quality standards of effluents.

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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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