



water

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Wastewater Treatment: Methods, Techniques and Processes

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Message from the Guest Editor

Dear Colleagues,

The progressive increase in population, industrialization and consumerism are the main factors leading to the enhancement of wastewater generation in recent years, which requires integrated management to protect public health and the environment. The adequate management and treatment of wastewater is a major issue in terms of sustainability, and it is necessary to solve the environmental, economic, social and sanitary problems.

Wastewater treatment refers to the physical, chemical, and biological processes used to remove pollutants from wastewater before discharging it to receiving waters. The processes commonly used in wastewater treatment include phase separation, the use of chemicals, aerobic and anaerobic processes, or even polishing. Likewise, the main by-product generated during wastewater treatment is sludge, which also needs to be properly treated.

[...]

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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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