Special Issue

Development of New Wastewater Treatments for the Efficient Removal of Micropollutants

Message from the Guest Editors

Water resources are coming under increasing pressure, leading to water scarcity and a deterioration in water quality. The reuse of properly treated wastewater, for example, from urban wastewater treatment plants, is considered to have a lower environmental impact than other alternative water supply methods. Efficient, sustainable and cost-effective treatment processes are needed to remove these micropollutants from wastewater. Such removal is necessary to safeguard public health in alignment with the One Health approach, which seeks to sustainably balance and optimize the health of humans, animals, and ecosystems. Furthermore, the effective elimination of micropollutants would enable the safe reuse of treated wastewater, thus reducing the abstraction of freshwater from surface and groundwater bodies and facilitating the more sustainable management of water resources. We would like to invite researchers to contribute to this Special Issue and share advances in wastewater treatment, potentially enhancing the circular management of water while protecting biodiversity.

Guest Editors

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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

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