Special Issue

Using New and Emerging Technologies to Remove Pollutants in Water/Wastewater

Message from the Guest Editors

Considering the increase in water contamination by toxic pollutants, water quality experts are focusing the innovative future technologies for water/wastewater treatment (W/WWT). On the other hand, the treatment of refractory organic and inorganic pollutants is increasing the threats to the survival of conventional wastewater treatment (WWTs) technologies. Regarding this, there are a number of physical, chemical, and biological processes for acquiring high-quality effluents; however, these treatment technologies have shown some limitations regarding the specific pollutant removal efficiencies, vulnerability to environmental pollutants, higher cost and energy requirements, excessive sludge volume, toxicity issues, etc. In addition, the high installation and operational costs of advanced treatment technologies have shifted research interest to the development of economical and reliable technology for the management of these emerging pollutants. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Pollutants_WaterWastewater

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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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