Special Issue

Wastewater Treatment via the Adsorption Method

Message from the Guest Editors

The diverse composition of industrial wastewater requires a variety of treatment methods. Heavy metal ions are most often removed by the precipitation of their hardly soluble compounds, most often hydroxides, sulphides, sulphates, and carbonates. In addition to these, ion exchange and sorption methods are widely used.

Sorption as a method of removing contaminants from water and wastewater and recovering valuable metals is the subject of numerous studies. Sorbents for the treatment of contaminated groundwater are currently being sought.

Classical, highly efficient methods of industrial wastewater treatment seem to be insufficient in view of very high concentrations of pollutants in wastewater. Widely used sorption materials can be helpful in removing contaminants.

This Special Issue aims to contribute to the search for new methods of wastewater treatment. We encourage the publication of scientific articles, critical reviews, or case studies that are relevant to environmental protection, [...].For further reading, please follow the link to the Special Issue Website at https://www.mdpi.com/journal/water/special_issues/Wastewater_Adsorption_Method

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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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