Special Issue

Application of Sustainable Chemical and Biological Methods for Pollutants Removal from Water

Message from the Guest Editor

Purification of water has for a long time been a critical issue for scientific research as it constitutes a fundamental component for the evolution of human civilization and animal life in a clean environment. However, the exponential increase in the world population and changes to average welfare have led to the intense pollution of water streams with toxic heavy metals, non-biodegradable organic micropollutants, and other harmful compounds. This Special Issue aims to provide a platform for environmental scientists and engineers to publish their research findings and provide insight into novel, effective, and sustainable technologies that can be applied for the removal of harmful compounds from potable water aquifers and wastewater streams. Special focus will be given to chemical and biological methodologies with a remarkable impact on the sustainability of societies, high technology readiness level, and featuring promising perspectives for technical upscale in real applications. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/PollutantsRemoval_Water

Guest Editor

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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

Dr. Jean-Luc PROBST
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