Special Issue

Water Treatment Technologies for Contaminants Removal from Polluted Water Resources

Message from the Guest Editor

This Special Issue will review the treatment technology for contaminants removal from water resources. Water resources management is a complex and difficult task, which includes a set of measures and activities aimed at maintaining and improving the water regime, providing the required quantities of water of required quality for various purposes, the protection of water from pollution, as well as protection from the harmful effects of water. The main focus is on solid waste resource treatment, high-concentration heavy metal wastewater treatment research, and applied research on functional nanomaterials in the environment, as well as other innovative results. We also welcome papers presenting developments regarding the removal of nutrients (the main causes of the eutrophication of treated wastewater receivers), the presence of pollution in the environment, the toxicological consequences of this pollution on health, and potential removal and treatment strategies. Research concerning the most pressing environmental challenges is also welcome, with particular attention to environmental pollution control and water decontamination.

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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