

Special Issue

Physicochemical Technology for Wastewater Treatment: Theory, Methods and Applications

Message from the Guest Editor

The world's increasing population is directly linked to the growing demand for drinking water in our homes, our hospitals and our public sectors. Increases in either the quantity of wastewater produced or the number/type of pollutants it contains have been recorded. Wastewater treatment and reuse can reduce the consumption rate as well as the spread of pollution in our aquatic system. The present Special Issue will present original research and review articles on physicochemical technology for wastewater treatment and reuse; the synthesis and characterization of new materials and their application for contaminant elimination from water; the coupling of different existing techniques; the development/intensification of existing technologies; and the modelization and simulation of water treatment process.

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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