Special Issue

Biological Treatment of Water Contaminants: A New Insight

Message from the Guest Editor

This Special Issue covers biological treatment of contaminants present in water and wastewater from a modern point of view. We invite you to submit articles referring to new tendencies or ideas focused on the use of microbes for the biodegradation of compounds that are water pollutants. Topics considered will be:

- Microbes in water treatment;
- State of the art in biological water treatment;
- Biodegradation of harmful, persistent compounds;
- Use of bioreactors for degradation of contaminants;
- "In situ" bioremediation of contaminated aquatic environments;
- Mathematical modeling of biological treatment.

The study of less known microorganisms, toxic contaminants, bioreactors, and modern and accurate detection methods will be specially considered for publication in *Water*, mainly for the biodegradation of contaminants which are harmful and persistent in natural waters.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2024)

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About the Journal

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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