Special Issue

Applications of Biotechnology in Water and Wastewater Treatment

Message from the Guest Editor

In the context of urbanisation, climate change, and growing populations, the reuse of wastewater offers an important means of producing portable water in order to lessen the problem of water scarcity. Due to its low cost and minimal generation of greenhouse gases, biotechnology is increasingly being employed in various treatment procedures, including the treatment of water and wastewater. The purpose of this Special Issue is to solicit original research articles or review papers addressing the application of biotechnology to wastewater treatment and environmental impact mitigation. The scope of this Special Issue includes the following:

- Use of biotechnology to reduce heavy metal contamination in water.
- Removal of nutrients and organics from water.
- Biotechnology for the recovery of nutrients from water.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2024)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/199566

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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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