Special Issue

Urban Wastewater Treatment and Resource Utilization Based on Microalgae

Message from the Guest Editor

Lab-scale and pilot-scale research projects are welcome to submit manuscripts to this Special Issue. The content of this Special Issue is not limited to the following areas, but any innovative full-length articles, reviews, and commentaries that can help improve the efficiency of urban wastewater treatment and resource utilization based on microalgae are very welcome. We are looking forward to receiving contributions to this Special Issue from researchers around the world.

Keywords

- microalgae-based urban wastewater treatment
- microalgae selection and breeding
- process optimization
- microalgae–bacterial combined wastewater treatment
- microalgae–fungus combined water treatment
- microalgae immobilization
- microalgae separation
- microalgae harvesting
- microalgae resource utilization
- environmental risk assessment

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2024)

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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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