

Special Issue

Biological Treatment of Wastewater

Message from the Guest Editor

The objective of this Special Issue is to update the status of biological treatment of wastewater, focusing on novelty in: Primary/secondary/tertiary treatment steps, equipment configuration, process design, new biocatalysts/microorganisms, treatment of special hazardous wastes, and integrated physical/chemical/biological processes, such as biological filters/membranes. Critical analyses, defining appropriate key performance indicators, such as pollutant abatement, secondary products formation, the whole cost of the process, and energy consumption are strongly encouraged. Special attention is also given to process analyses in terms of techno-economic, life-cycle assessment, and new legislation on this topic. Comparisons to parallel advanced chemical and physical treatments, such as advanced oxidation and electric techniques, are also appreciated. Contributions will be of great value to companies and government agencies operating in the environmental sector.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2017)



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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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