Special Issue

Biological Treatment of Water and Wastewater

Message from the Guest Editors

The biological treatment of waste and wastewater is an exceptionally attractive technology due to its numerous advantages; indeed, it is cost saving, environmentally compatible, reliable and easy to manage, and minimizes the generation of by-products. Living organisms may contribute to the removal of organic and inorganic pollutants from their surrounding media via several mechanisms, and efficient biodegradation can be performed either by a single species of microorganism or by a microbial consortia. Indigenous microbes that inhabit polluted wastewater sources or other contaminated sites are often able to tolerate and effectively degrade toxic compounds, with the microbiome able to work syntrophically in order to degrade recalcitrant compounds from wastewater. Therefore, this Special Issue of *Water* on the 'Biological Treatment of Water and Wastewater' welcomes original research and review manuscripts that focus on the biological treatment of wastewater.[...] For more details, please visit:
https://www.mdpi.com/journal/water/special_issues/3VFI6CJ19R

Guest Editors

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Dr. Paula Maza-Márquez

Dr. David Correa-Galeote

Deadline for manuscript submissions

closed (24 September 2023)

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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

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