

Special Issue

Sustainable Wastewater Management in the Context of Circular Economy

Message from the Guest Editors

When considering integrative environmental pollution prevention and control, the best options for wastewater management must be linked to the circular economy concept, which transform the wastewater from waste streams (effluents and sludge) into valuable resources.

Moreover, urban wastewater treatment plants should be considered as important representatives of the circular economy through the integration of energy generation and resource recovery. The resources from municipal/industrial wastewater plants are recovered in the form of wastewater that might be recycled or reused, or energy, nutrients and other resources that require adequate strategies and treatment processes, which assure not only sustainable wastewater management but also the removal of emerging or priority pollutants. Wastewater recycling and reuse as well as sludge treatment requires advanced and innovative processes (such as membranes, advanced oxidation, biological, sorption, disinfection, etc.),[...]. For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/wastewater_management

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Deadline for manuscript submissions

closed (31 December 2023)



Water

an Open Access Journal
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Impact Factor 3.0
CiteScore 6.0



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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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