



water



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Sustainable Wastewater Management in the Context of Circular Economy

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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.),[...].

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