Special Issue

Urban Sewer System Management

Message from the Guest Editors

Sewer systems are integral part of urban water systems as they collect and transport domestic and industrial wastewater from different sources for centralized treatment and disposal. They are traditionally built to safeguard public health. Sewer networks are one of the most critical urban infrastructures, as their construction, operation, and maintenance requires substantial investment. Water utilities across the globe are facing a number of serious challenges in relation to the management of sewers. These key challenges include inadequate hydraulic capacity leading to frequent overflows and flooding, uncontrolled sewer overflows polluting receiving water, sedimentation and sewer blockages, rapid deterioration of pipe material due to corrosion needing system rehabilitation, and odour issues. Sewer systems globally are under the threat of sulfide-induced odour and corrosion problems. The highly dynamic nature of these systems in terms of both flow and wastewater composition adds further to the above listed problems. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/urban_sewer_system

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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.

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