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Urban Sewer System Management

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Deadline for manuscript submissions:

closed (15 June 2023)

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 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 sulfideinduced 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:

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Message from the Editor-in-Chief

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