Special Issue

Efficient Water and Energy Management in Urban Water Systems

Message from the Guest Editors

Urban water systems (UWSs) are energy-intensive worldwide, mainly for drinking-water pumping and aeration in wastewater treatment. In recent years, systemic approaches to assess multiple sources of inefficiency in drinking water systems have started to be explored, with a high potential for improving efficiency. There remains a need to adapt and explore these approaches to wastewater and stormwater systems to assess inefficiencies associated with sewer inflow, infiltration and network layout. For this Special Issue on "Efficient Water and Energy Management in Urban Water Systems", we are interested in comprehensive approaches for assessing energy efficiency in UWSs and their demonstration in real case studies for the diagnosis, selection, implementation, and monitoring of improvement measures.

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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

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