Special Issue

Urban Water Management and Hydrological Process

Message from the Guest Editors

Rapid and often unregulated urbanization, coupled with the undeniable effects of climate change, has triggered pressing challenges related to urban water management. These include shifts in rainfall patterns, heightened flood risks, and increased vulnerability of urban ecosystems. As such, there is an urgent need to reorient our understanding of urban hydrological processes under these dual pressures and formulate effective adaptation strategies. This paradigm shift, moving away from traditional reactive management, calls for a comprehensive understanding of the changes induced in urban hydrological processes by urbanization and climate change. It represents a compelling area of focus in contemporary urban water management research and practice worldwide. Thus, in this context, we propose this Special Issue to disseminate the latest insights, technologies, and case studies concerning this pivotal matter. We welcome all manuscripts relevant to the theme.

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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.

Editor-in-Chief

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