Special Issue

Urban Drainage Systems and Stormwater Management, 2nd Edition

Message from the Guest Editor

Extreme rainfall has occurred frequently in recent years, posing unprecedented challenges to urban drainage systems and stormwater management. Urban drainage systems not only need to meet daily demands for rainwater discharge, they also have to deal with the large amount of stormwater and surface runoff caused by extreme weather events. Stormwater management in cities is not only related to flood control and drainage safety but also involves the protection of the urban ecological environment and the sustainable utilization of water resources. Effective urban drainage systems and stormwater management can reduce urban flooding, improve urban environmental quality, and promote sustainable urban development. Traditional drainage system designs often struggle to adapt to rapidly changing urban environments and climate conditions, making the advancement of urban drainage systems and stormwater management technology particularly important. The above research content is closely related to the topic of urban drainage systems and stormwater management.

Guest Editor

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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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