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Assessment of Urban Pluvial Flood Risk and Utilization of Rainwater & Flood Resources

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Message from the Guest Editors

Dear Colleagues,

In recent years, new technologies, such as big data and cloud platforms, have improved the dynamic assessment of urban pluvial flooding and facilitated real-time scheduling for flooding control and drainage emergency management. We have organized this Special Issue in order to better understand the progress of urban flood assessment methods, to gain insight into the impact of urban flooding on different aspects of socio-economic activities, and to clearly plan for future unconventional water resources use. The title of the Special Issue is "Assessment of urban pluvial flood risk and utilization of rainwater and flood resources". The purpose of this Special Issue is to publish original, high-quality research papers, as well as review articles, addressing recent advances in urban pluvial flood damage and risk assessment and rainwater and flood resources utilization, including methods and technologies in urban pluvial flood monitoring and simulation, traditional and dynamic assessment of urban flood risk, urban flood management, and utilization of unconventional water resources such as rainwater and flood, etc.

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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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