



water

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Urban Rainwater and Flood Management

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Message from the Guest Editor

This Special Issue aims to expand upon the body of scientific knowledge regarding the research and solutions of urban rainwater management and urban flood management. Emphasis is placed on the retention capacity of the area and intensity of precipitation, especially in urban areas. This Special Issue is devoted to wide variety of rainwater management issues, beginning from the precipitation through to the surface runoff and water infiltration, ending at their impact on the drainage system, with the purpose of flood protection of urban areas and humans. The existing methods for drainage of urban areas continue to threaten the regime of water flow and water resources. Urban hydrology has evolved to improve management strategies for rainwater runoff in terms of flood protection, public health, and environmental protection. In regards to this, the main focus of this Special Issue is to demonstrate new approaches toward rainwater management. The results of the presented research can be helpful for developing scientific recommendations and technical guidelines for drainage systems in urban areas.



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Special Issue



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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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