

Special Issue

Urban Hydrology and Water Management – Past Research and Future Directions

Message from the Guest Editor

Urban floods, water shortages, and pollution of coastal waters frequently cause significant damage and impacts to social and economic activities, raising a general concern about the best way to mitigate such events. Present and future challenges posed by climate change and growth of the number of people living in urban and peri-urban areas lead to the need to find new ways to manage the development of cities, in order to mitigate not only floods, but also threats like heat waves, landslides, water supply security, water scarcity, pollution, etc. Hydrologists, hydraulic engineers, urban planners, IT specialists, sociologists, and economists are called upon to cooperate and identify new opportunities, with the aim of making the best use of existing technological infrastructures, and to make people aware of the importance of the choices made. [...] For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/Urban_Hydrology_Water_Management

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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

Dr. Jean-Luc PROBST

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