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Managing Urban Floods towards “Sponge Resilience Cities”—Concepts and Practices

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 August 2022)

Message from the Guest Editors

Dear Colleagues,

Chinese cities (including coastal and inland megacities) that contain over 8–10 million inhabitants are undergoing rapid urbanization and socioeconomic growth and commonly have higher urban flood risk. For this Special Issue, we welcome researchers to contribute their latest research on the ways to address urban flood resilience and conduct better practices under the sponge city concept. Specifically, we are seeking manuscripts on the following topics:

- Role of soft measures—flood preparedness, prevention, and post-flood arrangements that are enhanced by blue-green infrastructure;
- Improving resilience by understanding through the latest advances in hydrological modelling and simulation to mitigate climate change (intensive rainfall) impacts by using sponge city measures that connect with urban catchment;
- Understanding various approaches and strategies to improve urban flood resilience (e.g., via increasing public perception, using social media, communication and behavioural approaches, etc.) in the context of sponge cities.

For more details, please find at:

https://www.mdpi.com/journal/water/special_issues/sponge_cities



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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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