Special Issue

Spatio-Temporal Evolution and Driving Mechanism of Urban Floods and Waterlogging

Message from the Guest Editor

Urban flooding and waterlogging have become critical challenges for city planners, environmental scientists, and civil engineers, due to their increasing frequency and severity in recent years. However, the spatio-temporal evolution and driving mechanisms of urban floods and waterlogging are still unclear. The topics covered may include, but are not limited to, the following:

- Analyzing the spatio-temporal patterns of urban flood and waterlogging events.
- Identifying the key driving factors influencing the occurrence and severity of these events.
- Developing a predictive model for urban waterlogging based on identified drivers.
- The role of green infrastructure in flood and waterlogging mitigation.
- Examining the socio-economic impacts of urban floods and waterlogging.
- The role of climate change in exacerbating urban flood and waterlogging events.
- Proposing mitigation and adaptation strategies to enhance urban resilience against waterlogging.[...]

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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

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