

## Special Issue

# Current Challenge in Urban Runoff and Urban Flooding

### Message from the Guest Editor

Urban flooding is now prevalent in many urban areas due to global climate change, and many cities have suffered from heavy storms during rainy seasons. Meanwhile, urban runoff contains large amounts of pollutants, and it has become a major source of urban water pollution worldwide. Urban runoff regulation and pollution control are essential to ensure a safe water environment for urban living. Urban runoff management should focus on both the stormwater quantity and quality and hence, mitigate urban flooding and improve received water quality. Further, water scarcity is a common phenomenon in many areas of the world. Stormwater can be a potential resource to overcome this issue. In this context, how to reclaim stormwater and reduce flooding disasters should be considered. Subjects that will be discussed in this Special Issue will focus on the mitigation of disasters, urban flooding regulation, stormwater pollution mitigation, stormwater reuse, runoff modelling, and model prediction.

### Guest Editor

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### Deadline for manuscript submissions

closed (11 August 2023)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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