



Current Challenge in Urban Runoff and Urban Flooding

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

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.

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Guest Editor





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