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The Scale Effects of Green Infrastructures on Urban Stormwater Runoff

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Message from the Guest Editors

Dear Colleagues,

Urbanisation dramatically changes natural catchment characteristics by increasing impervious areas and creating artificial drainage systems. These anthropogenic activities, therefore, result in significant adverse hydrobioecological consequences, such as flash runoff, reduced natural stormwater recharge and storage, and deteriorated stormwater quality. To offset these adverse effects, nature-based stormwater management techniques, such as green infrastructures (GIs), have been increasingly considered as potential options. The benefits of GIs on urban stormwater vary not only according to their features but also their spatial and temporal scales. Systems within a system interact with each other, and a measure may lose its effectiveness after a certain period of usage. [...]

For further reading, please follow the link to the Special Issue Website at:

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Special Issue



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