

Special Issue

Urban Stormwater Management by Green Infrastructure

Message from the Guest Editor

Green infrastructures are nature-based solutions that offer better management options for urban stormwater by integrating urban runoff, pollution control, landscaping, biodiversity, and livability in cities. Components of green infrastructures are well covered in water sensitive urban design (WSUD), low-impact development (LID), and sustainable urban drainage systems (SUDs). Their primary roles are to reduce stormwater quantity and to improve surface water quality while simultaneously providing other environmental, economic, and social benefits. This Special Issue focuses on the roles of green infrastructures in managing urban stormwater. Broad scopes include modeling, performance, and selection of green infrastructures in urban settings.

- stormwater
- green infrastructures
- water sensitive urban design
- low impact development
- sustainable urban drainage systems
- pollution
- vegetation
- biodiversity
- livability

Guest Editor

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