



## Green Technologies for Urban Water Management

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### Message from the Guest Editors

Dear Colleagues,

With rapid urbanisation and climate, cities are facing more challenges in the way they deal with urban water (stormwater, greywater, pre-treated domestic/commercial wastewater). Green technologies including constructed wetlands, ponds, bioretentions (or raingardens), swales and porous pavements, etc.

The scope of this special issue contains following:

Treatment performance: Hydraulic performance; Water quality improvement (solids, nutrients, heavy metals, trace organic chemicals)

Modelling of the treatment: Process-based models; Data-driven models

Real time control of the technologies (IoT technologies): Digital and smart water monitoring; Artificial intelligence in water monitoring

Planning of the green technologies in urban environment: Rainwater cleansing; Stormwater recycle and reuse

Climate impact on the performance of green technologies: Decarbonization technologies; Zero-net water-energy optimization





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## Message from the Editor-in-Chief

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