

Special Issue

Green Technologies for Urban Water Management

Message from the Guest Editors

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

Guest Editors

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Deadline for manuscript submissions

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Editor-in-Chief

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