

Special Issue

Green Infrastructure for Urban Water Resource Sustainability

Message from the Guest Editor

Green infrastructure (GI) is crucial for preserving urban water resources. Research is required to establish effective green infrastructure for flood reduction, water quality improvement and superior urban water cycle systems. In addition, to elucidate the optimal design and management for efficient GI, an improved understanding of how to better predict the quantity and quality of water in urban areas with GI is also required. In this context, the application of various methods, such as deep learning and meta-heuristic optimization algorithms, can enhance GI's utilization.

This Special Issue aims to collect papers focused on the latest research results regarding 'Green Infrastructure for Urban Water Resource Sustainability'.

- Water quality and quantity prediction using deep learning techniques;
- Simulation/experiment of GI in urban areas;
- Modelling sustainable urban water resource systems with GI;
- Development of resilience index for the assessment of GI;
- Operation of urban water resource systems through meta-heuristic optimization algorithms.

I look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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