

Special Issue

Smart, Sustainable and Resilient Water Management in Urban Areas

Message from the Guest Editors

The purpose of this Special Issue is to disseminate real-life applications, innovative research outcomes, and new knowledge of urban water management, which have been used to make urban water systems smart, sustainable, and resilient. The scope of this Special Issue includes but is not limited to:

- Source water monitoring and protection;
- Development of resilient water infrastructures;
- Drinking water treatment and their sustainability;
- Disinfection by-products, their removal, and health risks;
- Emerging contaminants in drinking and wastewater and their risks to human and ecosystems;
- Wastewater treatment, energy recovery, and water reuse;
- Water–energy nexus;
- Climate change adaptation and mitigation, stormwater harvesting, and urban hydrology;
- Water-sensitive design of cities;
- Life cycle sustainability assessment (LCA, LCC, and Social LCA) of urban water;
- One water approach;
- Smart water management and digital water.

Guest Editors

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Dr. Bingyi Kang

Deadline for manuscript submissions

closed (30 June 2022)



Sustainability

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CiteScore 7.7



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About the Journal

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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