

## Special Issue

# Sustainability and Energy Efficiency of Urban Water Cycle

### Message from the Guest Editors

Freshwater resources are facing unprecedented pressure due to climate change, population growth, and poor management. Understanding the water–energy nexus in the urban water cycle is a challenge which has outstanding relevance in climatic emergency. Therefore, it is vital to improve energy efficiency in the provision of drinking water and sanitation services. This can be achieved by introducing changes in the current facilities or by moving to emerging paradigms.

In any case, ex-ante and ex-post assessment are essential to quantify economic, environmental, and social impacts of adopting new systems, policies, and tools for improving sustainability and energy efficiency in the urban water cycle.

This Special Issue is seeking novel research articles in the context of the urban water cycle in the following related topics:

- Energy efficiency assessment;
- Devices, innovations, or policies to improve energy efficiency;
- Use of renewable energy sources;
- Water–energy nexus;
- Sustainability assessment;
- Eco-efficiency assessment;
- Climate resilience;
- Nature-based solutions;
- Life cycle assessment;
- Life cycle cost;
- Social life cycle assessment.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2023)



## Sustainability

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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. *Sustainability* publishes original research articles, review 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.

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### Editor-in-Chief

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