

Special Issue

Sustainable Water Management in Rapid Urbanization

Message from the Guest Editors

Rapid urbanization poses significant challenges to sustainable water management, necessitating innovative approaches to monitor, manage, and mitigate water-related issues. This Special Issue focuses on leveraging multi-source remote sensing sensors to address these challenges. We aim to explore how remote sensing technologies can provide critical insights into water resource management, particularly in urban settings experiencing rapid growth. The scope of this Special Issue includes, but is not limited to, the following topics:

- Monitoring urban water bodies using high-resolution satellite imagery;
- Assessing the impacts of urbanization on hydrological cycles and water quality;
- Employing UAVs in real-time water management and flood monitoring;
- Integrating remote sensing data with GIS for comprehensive urban water resource management;
- Evaluating the effectiveness of urban water management policies using remote sensing data;
- Exploring the impact of urbanization on the water-energy-food nexus;
- Evaluating water security and sustainable development in urban areas.

Guest Editors

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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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