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Water-Sensitive and Sustainable Urban Development

Guest Editor:

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Deadline for manuscript submissions:
30 August 2024

Message from the Guest Editor

Dear Colleagues,

The Agenda 2030 for Sustainable Development (UN, 2015) includes 17 goals. Goals 6 and 14 address water availability and quality. Rapid urbanization, combined with a growing demand for water resources, poses significant challenges to sustainable urban development. Water stress is a growing problem, according to the European Environment Agency and other relevant organizations around the world. Water-sensitive urban design (WSUD) is a holistic approach that integrates water management with urban planning, with the goal of improving water security and ecosystem health, and promoting sustainable development in cities.

The purpose of this Special Issue is to investigate the concept of water-sensitive and sustainable urban development, with a focus on innovative practices, policies, and technologies that promote integrated water management in urban areas. Stormwater management, green infrastructure, water-efficient buildings, urban water reuse, community engagement, and governance water frameworks will all be covered in this issue.

Dr. Shunwen Bai

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

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