Special Issue

Sustainable Urban Water Resources Management

Message from the Guest Editors

Sustainable water resource management in urban areas requires a comprehensive and multidisciplinary evaluation to ensure the sustainability and resilience of water supplies. Population growth, accelerated urbanization, and the effects of climate change exert unprecedented pressure on our water systems. It is crucial to implement advanced monitoring systems and hydrological models to assess water availability and quality, enabling proactive responses to climatic challenges. Additionally, it is imperative to develop climate change adaptation strategies and protect urban ecosystems to ensure long-term sustainability. This Special Issue aims to bring together renowned researchers to present the latest research and advancements in this critical field. The selected papers will cover a wide range of topics, from the assessment of water availability and quality to the design and management of resilient water infrastructures, as well as the implementation of nature-based solutions and participatory governance. We look forward to receiving your original research articles and reviews.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Hydrology is the study of the waters of the Earth. *Hydrology* has close ties with hydraulics, hydrogeology and the multiple sciences that study the atmosphere, the land surface, the soil and the subsoil, and ranges from complex problems of risk, forecasting and optimization of water resources to interactions with ecological, urban, social and economic systems.
The purpose of *Hydrology* is then to provide a journal where research results and real-world problems can be presented and discussed in order to bridge the traditional gaps between the academic world and the professionals and decision makers. Therefore, *Hydrology*, invites authors to submit their original theoretical, field, experimental, and numerical studies on hydrology with strong emphasis on multidisciplinary approaches and interdisciplinary topics, which cross the typical boundaries of our science.

Editor-in-Chief

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