



water

an Open Access Journal by MDPI



Urban Water Management and Hydrological Process

Guest Editors:

Dr. Zhiming Zhang

School of Environmental and
Energy Engineering, Beijing
University of Civil Engineering
and Architecture, Beijing, China

Prof. Dr. Xing Fang

Department of Civil and
Environmental Engineering,
Auburn University, Auburn, AL
36849, USA

Deadline for manuscript
submissions:

closed (20 January 2024)

Message from the Guest Editors

Rapid and often unregulated urbanization, coupled with the undeniable effects of climate change, has triggered pressing challenges related to urban water management. These include shifts in rainfall patterns, heightened flood risks, and increased vulnerability of urban ecosystems. As such, there is an urgent need to reorient our understanding of urban hydrological processes under these dual pressures and formulate effective adaptation strategies.

This paradigm shift, moving away from traditional reactive management, calls for a comprehensive understanding of the changes induced in urban hydrological processes by urbanization and climate change. It represents a compelling area of focus in contemporary urban water management research and practice worldwide. Thus, in this context, we propose this Special Issue to disseminate the latest insights, technologies, and case studies concerning this pivotal matter.

We welcome all manuscripts relevant to the theme.



mdpi.com/si/176240

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, Centre
National de la Recherche
Scientifique (CNRS), University of
Toulouse, Campus ENSAT,
Auzeville Tolosane, France

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

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

Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
[X@Water_MDPI](https://twitter.com/Water_MDPI)