



water

an Open Access Journal by MDPI



Spatio-Temporal Evolution and Driving Mechanism of Urban Floods and Waterlogging

Guest Editor:

Dr. Saige Wang

Faculty of Geographical Science,
Beijing Normal University, Beijing
100875, China

Deadline for manuscript
submissions:

25 November 2024

Message from the Guest Editor

Dear Colleagues,

Urban flooding and waterlogging have become critical challenges for city planners, environmental scientists, and civil engineers, due to their increasing frequency and severity in recent years. However, the spatio-temporal evolution and driving mechanisms of urban floods and waterlogging are still unclear.

The topics covered may include, but are not limited to, the following:

- Analyzing the spatio-temporal patterns of urban flood and waterlogging events.
- Identifying the key driving factors influencing the occurrence and severity of these events.
- Developing a predictive model for urban waterlogging based on identified drivers.
- The role of green infrastructure in flood and waterlogging mitigation.
- Examining the socio-economic impacts of urban floods and waterlogging.
- The role of climate change in exacerbating urban flood and waterlogging events.
- Proposing mitigation and adaptation strategies to enhance urban resilience against waterlogging.[...]



[mdpi.com/si/204210](https://www.mdpi.com/si/204210)

Please click the below link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/8VQOD0R571

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, 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, Grosspeteranlage 5
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)