

## Special Issue

# Advances in Urban Groundwater and Sustainable Water Resources Management and Planning II

### Message from the Guest Editors

In nature, urban groundwater propels many processes, including climatic, geological, geomorphic, geochemical, ecotoxicological, and hydraulic processes, sustaining several ecological purposes and services. Urban development has a profound impact on hydrological systems. [...] This Special Issue emphasizes the presentation and discussion of key studies, model-urban and peri-urban areas, new methods, original papers, and review articles that describe the current state of the art on the challenges and emerging fields related to the mapping, characterization, assessment, mitigation, and protection of sustainable groundwater systems, [...] Potential topics in urban areas include but are not limited to the following: hydrogeological mapping, hydrogeochemistry, isotope hydrology, hydraulics, water resources, groundwater engineering, and modeling. Other emerging fields in urban studies are most welcome, such as: urban GIS mapping, geovisualization, and UAV techniques; urban hydrogeomorphology and planning; [...] For further reading, please follow the link to the Special Issue Website at: [https://www.mdpi.com/journal/water/special\\_issues/Urban\\_Groundwater\\_2](https://www.mdpi.com/journal/water/special_issues/Urban_Groundwater_2)

### Guest Editors

Prof. Dr. Helder I. Chaminé

Prof. Dr. Maurizio Barbieri

Prof. Dr. Maria José Afonso

### Deadline for manuscript submissions

closed (31 July 2025)



## Water

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## About the Journal

### 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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### Editor-in-Chief

Dr. Jean-Luc PROBST

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