



water

an Open Access Journal by MDPI



Urban Water Networks Modelling and Monitoring, Volume II

Guest Editors:

Prof. Dr. Gabriele Freni

School of Engineering and
Architecture, University of Enna
“Kore”, Cittadella Universitaria,
94100 Enna, Italy

Dr. Mariacrocetta Sambito

School of Engineering and
Architecture, University of Enna
“Kore”

Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editors

Urban water research and practice have received a boost thanks to the availability of new and advanced numerical models, increase in computing resources (especially distributed in clouds), and availability of cheap and reliable sensors that can be deployed through the system to trace its evolution. This Special Issue welcomes research papers dealing with new technologies and models to monitor and manage urban water distribution networks and drainage systems. Papers about new monitoring strategies and technologies, including both water quantity and quality aspects, are also welcome, as well as scientific reports regarding the application of optimization techniques to improve system management, report leakages, investigate water quality, and reduce energy consumption. Well-documented and internationally relevant case studies and practical field test reports could be a valuable addition to this Special Issue that aims to catch the interest of researchers in the water and IT sector as well as of water managers and practitioners.

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/urban_water_model_monitor



[mdpi.com/si/110918](https://www.mdpi.com/si/110918)

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)