



water

an Open Access Journal by MDPI



Sustainable Management of Water Distribution Systems

Guest Editors:

Dr. Alberto Campisano

Department of Civil Engineering
and Architecture, University of
Catania, Catania, Italy

Dr. Aurora Gullotta

Department of Civil Engineering
and Architecture, University of
Catania, Catania, Italy

Deadline for manuscript
submissions:

30 May 2024

Message from the Guest Editors

Water distribution systems (WDSs) are complex infrastructures designed to reliably process, store and supply potable water to consumers. Efficient and flexible managing strategies of WDSs are needed to reach these goals in a sustainable way and to maintain high performance of the water infrastructure over time. WDSs around the world are facing major challenges related to water scarcity, aging of infrastructures and climate change impacts. This Special Issue intends to collect contributions about critical aspects of water distribution. The specific focus will be on the sustainable management of water distribution systems, including mitigation of problems related to intermittent supply, equity in water distribution among users and water leakage management. Pressure managing strategies, real-time control techniques and district-metered areas are included in the topics of this Special Issue. Contributions may concern experimental, modeling and review works.



mdpi.com/si/187840

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)