



*water*



an Open Access Journal by MDPI

## Integrated Management of Water Distribution Systems

Guest Editors:

**Dr. Nicola Fontana**

Department of Engineering,  
Università degli Studi del Sannio  
, Benevento, Italy

**Prof. Dr. Gabriella Balacco**

Department of Civil,  
Environmental, Land, Building  
Engineering and Chemistry  
(DICATECh), Polytechnic  
University of Bari (Politecnico di  
Bari), 70126 Bari, BA, Italy

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editors

Dear Colleagues,

The aim of the Special Issue “Integrated Management of Water Distribution Systems” is to discuss issues related to the sustainable management of water distribution systems using integrated approaches and methods, with particular reference to leakage reduction and pressure management, water quality control and monitoring, and energy optimization, also through the installation of micro- and pico-hydroelectric plants. In particular, the topics of interest concern applications for the real-time control and monitoring of a water distribution network, optimal operation of pumping systems, innovative techniques for the active control of pressure also aimed at reducing water losses, development of sensors and technologies for the qualitative characterization of distributed water, and identification of sources of pollution and contamination in water distribution networks. [...]

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

[https://www.mdpi.com/journal/water/special\\_issues/Distribution\\_Systems](https://www.mdpi.com/journal/water/special_issues/Distribution_Systems)



[mdpi.com/si/81228](https://www.mdpi.com/si/81228)

**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](http://www.mdpi.com)

[mdpi.com/journal/water](http://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)