



water

an Open Access Journal by MDPI



Smart Urban Water Networks

Guest Editors:

Prof. Dr. Armando Di Nardo

Prof. Dominic L. Boccelli

Dr. Manuel Herrera

Prof. Dr. Enrico Creaco

Prof. Dr. Andrea Cominola

Dr. Riccardo Taormina

Prof. Dr. Robert Sitzenfrei

Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editors

Dear Colleagues,

The objective of this Special Issue is to gather contributions advancing scientific and technical methodologies, technologies, and best practices that can be applied with the implementation of actual computational power in simulation, IoT systems, and smart meter devices. Through this open access journal, this will show, to a wide community of researchers, operators, and water utilities, the possibilities to significantly improve some operational problems of water distribution networks by coupling ICT technologies and physically-based mathematical procedures and data-driven techniques such as identification, optimization, complex network theory, etc. This will foster the digitization of urban water networks towards the realization of the vision of smart cities and societies.

Guest Editors



mdpi.com/si/23225

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 (Aquatic Science)

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)