



water

an Open Access Journal by MDPI



Smart Water Solutions with Big Data

Guest Editors:

Prof. Dr. Mariana Mocanu

Department of Computer
Science, Faculty of Automatic
Control and Computers,
University Politehnica of
Bucharest, Romania

Dr. Costin-Gabriel Chiru

Department of Computer
Science, Faculty of Automatic
Control and Computers,
University Politehnica of
Bucharest, Bucharest, Romania

Deadline for manuscript
submissions:

closed (28 February 2023)

Message from the Guest Editors

Dear colleagues,

The water industry is currently ushering in a period of rapid development of digital transformation, and various countries continue to introduce new policies to promote the steady improvement of the overall level of information technology application in the water industry. Improving water conservancy information infrastructure and actively promoting the application of 5G technology in water conservancy engineering safety monitoring and early warning work has become one of the key tasks of the world's water conservancy, and the construction of smart water affairs has gradually become a new development model of the times.

In this case, this Special Issue raises the following questions:

What is the smart water strategy and positioning of each country? How to match the strategy of the local government?

How to design a reasonable operation process and operation mechanism to ensure that the planning, construction, operation, and evaluation of the future smart water blueprint can be operated scientifically and efficiently?

Is the evolution path of the blueprint for smart water construction feasible? The clear projects or tasks?



mdpi.com/si/78256

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)