



water



an Open Access Journal by MDPI

Using Artificial Intelligence for Smart Water Management

Guest Editors:

Prof. Dr. Jianjun Ni

College of IOT Engineering, Hohai University, Changzhou, China

Prof. Dr. Zhenxiang Xing

School of Water Conservancy and Civil Engineering, Northeast Agricultural University, Harbin, China

Deadline for manuscript submissions:

closed (7 October 2022)

Message from the Guest Editors

This Special Issue is focused on providing state-of-the-art understanding and applications of artificial intelligence theory and new information technologies for water management.

- Intelligent models about water management;
- Automated monitoring technology;
- Big data on water management;
- Network technology for water management;
- Flood forecasting;
- Water environment monitoring;
- Monitoring of water supply and drainage network;
- Deep learning technology of smart water.



mdpi.com/si/90558

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](#)