



water



an Open Access Journal by MDPI

Challenges and Prospects of Integrated Groundwater Management

Guest Editor:

Prof. Dr. Jianmin Bian

Key Laboratory of Groundwater
Resources and Environment
(Ministry of Education), Jilin
University, Changchun 130021,
China

Deadline for manuscript
submissions:

closed (31 October 2022)

Message from the Guest Editor

Dear Colleagues,

At present, more than 1.5 billion people in the world rely on groundwater as their main drinking water source. With the development of groundwater pollution from recessive to dominant, from simple pollution to complex pollution, coupled with the continuous decline of groundwater level and the continuous increase in groundwater exploitation, this not only worsens the current situation of water shortages, but also poses a great threat to ecological balance and human health. In view of the problems existing in the utilization of water resources and ecological environment, it is necessary to carry out comprehensive groundwater management and pollution control, so as to provide scientific theoretical support for global groundwater utilization management and quality improvement.

The purpose of this Special Issue is to publish original, high-quality research papers, as well as review articles, to discuss the latest progress in the research of integrated groundwater management: new methods and development of monitoring, experiment and evaluation, including water resource utilization, groundwater quality evaluation, groundwater environmental remediation and ecotoxicity.



mdpi.com/si/96931

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, 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)