Special Issue

Rock Mechanics and Rock Engineering Problems Caused by Water Action

Message from the Guest Editors

This Special Issue aims to explore innovative theories, methods, and technologies to mitigate these challenges and promote sustainable practices in rock engineering. Potential topics include, but are not limited to, the following:

- Mechanisms of water–rock interaction;
- Impact of water on rock engineering;
- Water-induced damage in rocks;
- Seepage in rock-like materials;
- Multi-field coupling mechanisms in rocks;
- Technologies for rock mass stability control;
- Water-induced natural hazards;
- Prevention and control of mine water pollution.

Guest Editors

Prof. Dr. Qiangling Yao

School of Mines, China University of Mining and Technology, Xuzhou 221116, China

Dr. Liqiang Yu

1. School of Mines, China University of Mining and Technology, Xuzhou 221116, China
2. State Key Laboratory of Intelligent Construction and Healthy Operation and Maintenance of Deep Underground Engineering, China University of Mining and Technology, Xuzhou 221116, China

Deadline for manuscript submissions

1 October 2025

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/232614

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/journal/water

About the Journal

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.

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

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)

MDPI