

Special Issue

Field Scale Experiments and Monitoring of Fractured Rock Aquifers Associated with Geothermal Water

Message from the Guest Editor

Geothermal resources are valuable clean and recyclable renewable resources with great utilization value; they can be widely used in various fields such as power generation, heating, physiotherapy, greenhouse, and aquaculture. In their natural state, geothermal resources have the characteristics of deep burial, slow groundwater recharge, and slow regeneration. This Special Issue is organized into three sections: Section 1: Origin of Geothermal Water: Studying the origins of geothermal water can elucidate the characteristics of geothermal water recharge, runoff, and discharge, which is very important for the monitoring of geothermal water. Section 2: Hydrochemical Research: The dynamic monitoring and analysis of the chemical composition of geothermal water are very important to understand the change in the chemical composition of geothermal water. Section 3: Monitoring of Fractured Rock Aquifers: By monitoring fractured aquifers and strengthening the dynamic monitoring of geothermal water and the study of its dynamic characteristics, the characteristics of the geothermal water temperature field, flow field, and chemical field can be dynamically understood.

Guest Editor

Dr. Wei Chen

1. Fourth Geological Team of Hubei Geological Bureau, Xianning 437100, China
2. Hubei Key Laboratory of Resources and Eco-Environment Geology (Hubei Geological Bureau), Wuhan 430034, China

Deadline for manuscript submissions

closed (25 March 2025)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/213289

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

[mdpi.com/journal/
water](https://mdpi.com/journal/water)





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



[mdpi.com/journal/
water](https://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)