



*water*



an Open Access Journal by MDPI

## Impact of Mining Activities on the Groundwater Resources

Guest Editor:

**Dr. Lahcen Zouhri**

AGHYLE, Institute Polytechnique  
UniLaSalle Beauvais, SFR  
Condorcet FR CNRS 341719 rue  
Pierre Waguet, CEDEX, F-60026  
Beauvais, France

Deadline for manuscript  
submissions:

**15 September 2024**

### Message from the Guest Editor

Dear Colleague,

The mining exploitation and extraction contribute to the development of the socio-economy of many countries (Africa, China, USA, Canada, Europe).

This Special Issue deals with water resources related to mining activities. It brings together the following subjects:

- Identification of the hydrogeological parameters and the impact on the water storage;

- Mining and water quality;

- Hydrochemical interactions water/ rocks;

- The Sustainable mining water management;

- Risk analysis and post-mining management

- Geostatistical and numerical modeling of the groundwater in the mining context.

- Waste Management and rehabilitation;

Approaches related to the impact of mining activities on water resources. The present special issue draws from worldwide hydrogeological, geochemical, and geophysical investigations in the field, laboratory and geostatistical approaches, numerical simulations of contaminants transfer for a better assessment of resources in the mine context.



[mdpi.com/si/111785](https://mdpi.com/si/111785)

# 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](http://www.mdpi.com)

[mdpi.com/journal/water](https://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/Water_MDPI)