



## Geochemical Investigations of Water–Rock Interaction and Contamination

Guest Editor:

**Dr. Johanna Blake**

U.S. Geological Survey, 6700  
Edith Blvd NE, Albuquerque, NM  
87113, USA

Deadline for manuscript  
submissions:

**30 September 2024**

### Message from the Guest Editor

Dear Colleagues,

Water–rock interactions play an important role in water geochemical compositions and potential water quality issues. These interactions include the chemical and thermal reactions between groundwater or surface water and rocks, sediments, minerals, or alluvium. Water chemistry is predominantly affected by rock weathering processes. This Special Issue welcomes submissions on new and innovative research related to water–rock interactions. Field investigations, laboratory experiments, or geochemical modeling can all be used to identify the geochemical processes that occur at the interface of water–rock interactions. The aim of this Special Issue is to share state-of-the-art investigations on water–rock interactions.

Dr. Johanna Blake  
*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Leonid Dubrovinsky**  
Bayerisches Geoinstitut,  
University Bayreuth, D-95440  
Bayreuth, Germany

## Message from the Editor-in-Chief

*Minerals* welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

## 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), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (*Mining & Mineral Processing*) / CiteScore - Q2 (*Geology*)

## Contact Us

---

*Minerals* 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/minerals](http://mdpi.com/journal/minerals)  
[minerals@mdpi.com](mailto:minerals@mdpi.com)  
[X@Minerals\\_MDPI/](https://twitter.com/Minerals_MDPI/)