

Special Issue

Geochemical Investigations of Water–Rock Interaction and Contamination

Message from the Guest Editor

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.

Guest Editor

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

Deadline for manuscript submissions

closed (30 June 2025)



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

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,
Germany

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).