



## Fluid-Mineral Interactions: Field Evidences, Models and Experiment

Guest Editors:

**Dr. Alberto Vitale-Brovarone**

Institut de minéralogie, de  
physique des matériaux et de  
cosmochimie, UPMC, 75005 Paris,  
France

**Dr. Tumiatì Simone**

Dipartimento di Scienze della  
Terra, Università degli Studi di  
Milano, 20133 Milan, Italy

Deadline for manuscript  
submissions:

**closed (31 December 2018)**

### Message from the Guest Editors

Dear Colleagues:

Fluid-mineral interactions control geochemical cycling in the Earth's interior at different scales, from grain boundaries to global-scale processes and at various rates and geological timescales. Research on this topic has focused on the point of view of either the fluid, the rock, or both of them, and encompassed disciplines spanning geochemistry, petrology, mechanics, economic geology, and material sciences down to the nanoscale. Being field-based, experimental or numerical, this issue aims at gathering contributions on the understanding of fluid-mineral processes and their implications on reactivity and transformations at lithospheric conditions.

Dr. Alberto Vitale-Brovarone

Dr. Tumiatì Simone

*Guest Editors*





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/)