# Special Issue

# Fluid Geochemistry and Mineralogy in Volcanic/Hydrothermal Environments

**Message from the Guest Editors**

The aim of the present Special Issue is to gather original articles focusing on the geochemistry of fluids (gas and water) and isotopes, as well as mineralogical studies in volcanic and active/fossil hydrothermal systems. This Special Issue will comprise different fields of the discipline and a broad range of relevant topics of interest, including:

- Fluid geochemistry and mineralogy applied to geothermal exploration;
- Geochemical monitoring of active volcanoes;
- Isotopic geochemistry of fluids in hydrothermal/volcanic environments;
- Fluid inclusions in active and fossil hydrothermal systems;
- Hydrothermal alteration in active geothermal fields;
- Organic and inorganic compounds flux emissions in volcanic/hydrothermal environment;
- Critical elements recovery from geothermal brines;
- Geochemistry and mineralogy of hydrothermal ore deposits;
- Environmental impact and human hazard of volcanic and hydrothermal fluids;
- Geothermometry/geobarometry;
- Water and mineral geochronological application to hydrothermal/volcanic systems;
- Water–gas–rock interaction in faults and fractures.

**Guest Editors**

Dr. Daniele Tardani

Dr. Marco Taussi

Dr. Jacopo Cabassi

**Deadline for manuscript submissions**

closed (31 March 2023)

**Minerals**

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**Impact Factor 2.2**
**CiteScore 4.4**

mdpi.com/si/121828

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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
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## Author Benefits

### 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 and Mineral Processing) / CiteScore - Q1 (Geology)

### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

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