

## Special Issue

# Advances in Application of Spectroscopic Techniques for Minerals Processing

### Message from the Guest Editor

This **Special Issue** aims to publish recent research regarding advances in the spectroscopic analysis tools applied under mineral processing conditions. This includes mineral surface and bulk characterization, electrochemistry, instrument development, inline processing, sensors, statistical analysis tools and sample handling methods. **The keywords are:** Surface spectroscopy

X-ray microscopy

*In situ* analysis

Mineralogy

Comminution

Liberation

Physical Separation (gravity, electrostatic, magnetic)

Flotation (cells, bubble, surface chemistry, bioflotation)

Leaching (bioleaching)

Modelling and process simulation

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### Guest Editor

Prof. Dr. Sarah Harmer-Bassell

Flinders University

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### Deadline for manuscript submissions

closed (1 February 2020)



## Minerals

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an Open Access Journal  
by MDPI

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Impact Factor 2.2  
CiteScore 4.4



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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.

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### Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

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

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### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, 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 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).