

## Special Issue

# Applications of Unmanned Aerial Vehicle and Artificial Intelligence Technologies in Mining from Exploration to Reclamation

### Message from the Guest Editor

Recently, much attention has focused on unmanned aerial vehicle (UAV) technology, to the extent that the term “drone industry” has been created...UAV and AI technologies have been reported in the mining industry for mineral exploration, mine planning and design, mine operation, mineral/metallurgical processing, mine health and safety management, and mine reclamation. This Special Issue (SI) encourages engineers, geologists, metallurgists, educators, students, and researchers to address recent applications of UAV and AI technologies in mining from exploration to reclamation. Original research contributions and reviews providing examples of the improvements brought by UAV and AI technologies in all areas of the mineral sector can be included in this SI.

### Guest Editor

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### Deadline for manuscript submissions

closed (18 January 2022)



## Minerals

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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

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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).