



Geophysics for Mineral Exploration

Guest Editor:

Prof. Dr. Michael S. Zhdanov

Distinguished Professor of
Geophysics, Department of
Geology and Geophysics,
University of Utah, Salt Lake City,
UT 84112, USA

Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

Exploration geophysics plays a major role in unlocking mineral reserves. It is well recognized that many easily-discovered large mineral deposits with a strong geophysical signature have been already identified. Future discoveries present significant challenges being located undercover, in remote areas, with less prominent geophysical signals. The modern-day challenges of exploration require developing novel geophysical techniques, which improve exploration success and lead to new discoveries. This Special Issue invites papers which focus on emerging geophysical techniques for mineral exploration, novel interpretation methods, including joint inversion of multiphysics data, and challenging case studies.

Prof. Michael S. Zhdanov
Guest Editor





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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.

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Contact Us

Minerals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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