



## Application of Geophysical Data Interpretation in Geological and Mineral Potential Mapping

Guest Editors:

**Dr. Luan Thanh Pham**

Faculty of Physics, University of Science, Vietnam National University, Hanoi 100000, Vietnam

**Dr. Saulo Pomponet Oliveira**

Department of Mathematics, Federal University of Parana, Curitiba, PR 19096, Brazil

**Dr. Le Van Anh Cuong**

Department of Geophysics, Faculty of Physics and Engineering Physics, VNUHCM-University of Science, Ho Chi Minh City 700000, Vietnam

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### Message from the Guest Editors

Dear Colleagues,

Geological structures often control the locations and geometries of mineral deposits, oil, and natural gas. Geophysical data interpretation can help in mapping these geological structures. These structures provide many types of information that are essential in both the exploration for new mineral deposits and during subsequent mining; therefore, they have a significant effect on the optimization of exploratory drilling operations as well as the understanding of mineral deposits. This Special Issue aims to publish new interpretation results obtained from geophysical methods, such as gravity, magnetic, seismic, electromagnetic, electrical, and radiometric methods, in geological and mineral potential mapping. Reviews, new methods, and data mining in geophysics are also welcome.

Dr. Luan Thanh Pham

Dr. Saulo Pomponet Oliveira

Dr. Le Van Anh Cuong

*Guest Editors*





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**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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*Minerals* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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