

Special Issue

Exploration Theories, Methods and Technologies: Latest Advances and Prospects

Message from the Guest Editors

With advances in methods and techniques applied to exploration, mineral exploration is becoming faster, more efficient and more cost-effective. Many new theories, methods, and technologies are used in mineral exploration, which play a key role in shortening exploration time, improving prospecting efficiency, and reducing exploration costs and environmental pollution. Thus, this Special Issue focuses on the new theories, methods and technologies in exploration studies. The main topics on which this Special Issue focuses include but are not limited to the following:

- Progress in metallogenic theory and models;
- Exploration of geochemical and geophysical methods and innovation;
- Mineral, isotope, and gas geochemical exploration;
- Exploration of remote sensing technology and innovation;
- Application examples of machine learning, big data, 3D visualization, and other technologies in mineral exploration.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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