

## Special Issue

# Technologies and Methods for Exploitation of Geological Resources

### Message from the Guest Editors

Geological resources, such as metals, coal, petroleum and gas, groundwater, and geothermal materials, are essential for human survival. Most easy-to-find and easy-to-develop geological resources have been located, but a huge amount of materials remain undiscovered, prompting the urgent demand for revolutionary ideas and technologies for exploiting these geological resources. The present Special Issue aims to gather papers on methods and technology relating to geological resource exploration theory, including the reconstruction of the geological process of resource formation, geological and mineral geological survey methods, geochemical technology, earth information technology, earth exploration technology, and relevant engineering technology. We aim to offer a detailed account of current methods for the exploitation of geological resources and improve the current knowledge on the nature and basic laws of deep geological resources, as well as to promote fundamental and frontier research for geological resource exploitation.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2025)



## Applied Sciences

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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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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