



## Advanced Underground Coal Mining and Ground Control Technology

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submissions:  
**closed (20 August 2024)**

### Message from the Guest Editors

Human society has long maintained a high level of demand for coal resources. In recent years, underground coal mining technology has evolved rapidly around issues of safety, health, and efficiency. This Special Issue aims to publish academic papers related to Advanced Underground Coal Mining and Ground Control Technology. The centralized publication of these results will facilitate the collision, learning and inspiration of ideas, as well as the dissemination of successful technologies and cases, and will also facilitate the identification of shortcomings and the search for new research points.

The topics of interest include, but are not limited to, the following:

- Ground control for roadways or stopes
- Intelligent mining or driving theory and technology
- New coal mining and roadway driving methods
- Intelligent perception, analysis, and decision for underground mining
- Large section chamber support theory and technology
- Efficient and fast driving technology
- Forewarning and prevention for dynamic disaster of coal and rock
- Rock mass mechanics





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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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