

Special Issue

Mechanics, Damage Properties and Impacts of Coal Mining, 2nd Edition

Message from the Guest Editor

With the gradual depletion of the Earth's shallow coal resources, deep coal mining has become the norm. The scale and disturbed area of coal mining projects at deep depths are far greater than those at shallow depths, subjecting the coal and rock masses to more intense deformation and loading. The investigation of the spatial and temporal dynamic evolution of multi-physical and chemical fields in the coal mining process is of great significance to ensure the safe mining of coal resources in the deep underground. Potential topics for this Special Issue include, but are not limited to, the following:

- In situ mechanical behavior of deep rock masses;
- Analysis and control of the long-term stability of deep surrounding rock masses;
- Multi-field and multi-phase seepage theory under the influence of mining disturbance;
- Deep rock deformation monitoring and safety monitoring;
- Deep mining dynamic hazard prevention and control;
- Theory of coordinated exploitation of co-associated resources.

Guest Editor

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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.

Editor-in-Chief

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