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Advanced Technologies of Deep Mining

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Deadline for manuscript submissions:

closed (15 September 2023)

Message from the Guest Editors

This Special Issue aims to publish theory and techniques that can be used to overcome the many challenges faced by researchers working on disaster prevention and control for deep mining. We welcome original, high-quality research works in this area. The topics of interest include, but are not limited to:

- Mechanism of large-deformation damage in deep soft rock engineering and measures to control large deformation in deep soft rock projects;
- Mechanisms, prediction and prevention of deep rock bursts;
- High-rock-pressure control technology in deep mining;
- Roadway rock control techniques in deep rock;
- Geothermal hazard, thermodynamic effects in deep rock masses and countermeasures for controlling heat disaster;
- Strong disturbance in deep rock and its countermeasures;
- Gas and coal containment measures for deep mining;
- Water hydrodynamics, prediction models of fracture depth and water inrush risk and prevention measures in deep coal mining;
- Spontaneous combustion and fire prevention of deep coal seam.





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Message from the Editor-in-Chief

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