

Special Issue

Coal and Rock Dynamic Disaster Monitor and Prevention

Message from the Guest Editors

Although scholars all over the world have made great progress in the research of coal and rock power disasters, there is still much to be done in the mechanism of coal and rock power disasters, on-site governance, monitoring and early warning. Based on this, this Special Issue will introduce the latest research results of scholars from various countries from the aspects of coal mine dynamic disasters, generation mechanism of thermal dynamic disasters, laboratory experimental research, theoretical analysis, on-site governance and personnel behavior safety by detailing the latest research results in coal mine dynamic disasters and mine thermal dynamic disasters. This special topic is organized according, but not limited, to the following topics:

- Mechanism and prevention of rockburst;
- Prevention and control of coal and gas outburst;
- Monitoring and warning of coal and rock dynamic disasters;
- Prediction of mine thermal dynamic disasters;
- Security monitoring based on big data;
- Safety problems in the process of coal and rock disaster disasters;
- Efficient gas extraction technology;
- Theory and technology of deep roadway support.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2023)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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