

## Special Issue

# Advances in Coal Mine Disasters Prevention

### Message from the Guest Editors

How the subject relates to the journal scope: Coal accounts for 27.2% of the world's primary energy consumption, and is the largest single source of power generation. The key to realizing the sustainable management of coal is to ensure the safe and efficient supply of coal, the core challenge of which is to reveal the mechanism and take reasonable measures to eliminate disasters. Therefore, the theme of this Special Issue relates to the journal's scope. Suggest themes. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Theory and simulation of deep rock mechanics and seepage;
- Mine water disaster mechanism and prevention;
- Water inrush source, channel and division of danger zone;
- Grouting of roof and floor;
- Roof fall mechanism and prevention;
- Deformation and failure of roadway;
- Mining overburden movement, roof cutting (presplitting) pressure relief;
- Coal and gas outburst;
- CO<sub>2</sub> displacement of coalbed methane;
- Hydraulic (anhydrous) fracturing of coal seams.

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### Guest Editors

Dr. Hao Li

Prof. Dr. Liqiang Ma

Dr. Pengfei Wu

Dr. Junqing Guo

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### Deadline for manuscript submissions

closed (29 November 2023)



## Sustainability

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# About the Journal

## 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.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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