

Special Issue

Mining Safety: Challenges and Prevention, 2nd Edition

Message from the Guest Editor

The mining industry is limited by its work environment. The ventilation of this work environment is poor, and there are many problems that influence the safety and health of miners, such as fire hazard, gas, dust explosion, poor ventilation, etc. Nowadays, the aim of research on mining safety is to use new theories and methods to investigate the mechanisms of mining safety problems, the rule of development, and new technologies. The Special Issue topics include the analysis of trends around mine safety, the management of mine safety, mine fire, mine ventilation, mine dust, and mine gas, and the big data analysis of mine safety. keywords:

- mine safety
- big data analysis
- gas prevention
- gas explosion
- emergency rescue
- dust control
- mine ventilation
- intelligent ventilation
- fire prevention
- spontaneous combustion of coal

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.

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