

Special Issue

Mining Safety: Challenges & Prevention

Message from the Guest Editors

The mining industry is limited by the work environment. Ventilation 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 mechanism of mining safety problems, rule of development, and new technology. The submission direction includes analysis of trends around mine safety, management of mine safety, mine fire, mine ventilation, mine dust, mine gas, and 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 Editors

Dr. Hao Shao

School of Safety Engineering, China University of Mining & Technology, Xuzhou 22111, China

Dr. Chuanbo Cui

School of Safety and Emergency Management Engineering, Taiyuan University of Technology, Taiyuan 030024, China

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

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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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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