



Process Safety and Monitoring of Intelligent and Green Mining Technology

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Message from the Guest Editors

The safe mining of mineral resources is crucial in economic development. In recent years, the production situation in mines has been stable, but the occurrence of safety accidents cannot be ignored; thus, it is necessary to strengthen mine safety technology. In addition to protecting resources and avoiding safety incidents, intelligent, green, and safe technological means are being fully applied for resource extraction to ensure the sustainable development of mining enterprises.

This Special Issue on “Process Safety and Monitoring of Intelligent and Green Mining Technology” aims to cover recent advances in the development and application of mining process safety. Topics include, but are not limited to, methods and/or applications in the following areas:

- Intelligent and green mining technology for underground and open-pit mines;
- Stability analysis, safety monitoring, and early-warning technology for mine rock masses;
- Prevention and control of deep ground pressure disasters in mines;
- Safety technology for mine construction, support, blasting, ventilation, and other processes.





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