

Special Issue

Process Safety and Monitoring of Intelligent and Green Mining Technology

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.

Guest Editors

Dr. Yang Li

Dr. Guanglei Zhou

Dr. Feiyue Liu

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

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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