



Mining Risk and Safety Management

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Message from the Guest Editors

Mining industry plays an important role in the global growth. It have provided basic materials for the development of many manufacturing companies in different areas. For example, Coal as a traditional energy has been recovered and used for nearly two hundred years. Now, it still makes great contribution in developing countries, such as China. However, up to date, shallow coal resources have been largely reduced because of long-time mining activities. Therefore, the mining operation are moving to deeper and deeper reservoirs. In deep (coal) mines, the reservoir's characteristics of high stress, high pore pressure, and extremely low permeability are the primarily key factors that could cause mining hazards and disasters. In the history of mining, thousands of lives have been killed and it is still an issue to eliminate all danger and secure workers' health.

The purpose of this Special Issue is to prevent the occurrence of the mining risks and manage the safety environment in underground space. We need both new technologies and manage methods for mining safety improvement to be implemented in mining space.





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