

عنوان مقاله:

Securing Underground Mines

محل انتشار:

هشتمین کنفرانس بین المللی پژوهش در علوم و مهندسی و پنجمین کنگره بین المللی عمران، معماری و شهرسازی آسیا (سال: 1402)

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خلاصه مقاله:

Underground mining operations play a fundamental role in extracting valuable resources from beneath the Earth's surface. However, securing these underground mines is of utmost importance to protect personnel, assets, and the environment. The complex and dynamic nature of underground mines poses unique security challenges that require careful planning and implementation of comprehensive security measures. This article explores the significance of securing underground mines, the key challenges faced, best practices for physical security, the role of technology solutions, training and education for mining personnel, collaboration and communication strategies, and future trends and innovations in mine security. By addressing these aspects, mining operations can effectively mitigate security risks and ensure the safety and integrity of their underground mines.

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