



Advances in Intelligent and Sustainable Mining

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Message from the Guest Editors

Mining is the foundation of global economic development. The development of the modern mining industry faces a series of problems, such as harsh mining conditions, high safety risks, and insufficient labor. COVID-19 has moved up the timeline for the modernization programs of mining industry, including digitization and automation. To protect worker health and safety, enterprises have fast-tracked technologies to reduce the number of people onsite and increase the ability to operate mines remotely. Therefore, the establishment of intelligent, green, and sustainable mines has gradually become a consensus in the industry. Recent years have witnessed rapid progress in intelligent mining. Cutting-edge technologies such as the internet of things, big data, artificial intelligence, 5G, edge computing, and virtual reality have greatly promoted the intelligent development of the mining industry, and comprehensively improved the sustainable level of mining. The global mining industry is going through a new revolution.





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Message from the Editor-in-Chief

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