



Advanced Intelligent Mining Technology

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Message from the Guest Editors

Dear Colleagues,

Mining workers and researchers aim to use intelligent mining technology to improve mining productivity, increase personnel safety, and secure environmental sustainability. The mining process is dependent upon the mining equipment and rock mass. Intelligent mining is not commonly used because of the absence of intelligent decision making, scene perception, and accurate control. Thus, intelligent mining is not as productive as human miners are.

This Special Issue focuses on the advances in intelligent mining technology. We encourage the contribution of original papers on intelligent decision making, scene perception, accurate control, model simulation, positioning and navigation, mining mechanisms, etc., to improve intelligent mining. We also welcome original research on innovative technologies and interdisciplinary studies, e.g., artificial intelligence, digital twin, new applications and viewpoints of intelligent mining technology.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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