Recent Advances in Smart Mining Technology

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Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editors

The concept of "smart mining", which combines traditional mining technology with information and communication technology (ICT), has become a representative keyword representing the Fourth Industrial Revolution of the mineral industry in the age of digital transformation.

This Special Issue (SI) aims to encourage researchers to address recent advances in smart mining technology for the mineral industry. Original research contributions and reviews providing examples of the improvements brought about by smart mining technology in all areas of the mineral sector can be included in this SI.

Keywords

Artificial intelligence in mining; Internet of Things in mining; Cloud computing in mining; Big data analytics in mining; Mobile and wearable devices in mining; Augmented, virtual, and mixed realities in mining; 3D printing in mining; Open-source hardware and software in mining; Self-driving and robotics in mining

mdpi.com/si/42927

Special Issue

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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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