

Special Issue

Recent Advances and Applications of Artificial Intelligence in the Mining Industry

Message from the Guest Editor

This Special Issue aims to capture the application of various forms of artificial intelligence (AI) to mining industry problems. Some examples of this include AI on structured data such as in orebody modeling and process control, use of generative textual or graphical AI in safety and other applications, and use of augmented/virtual reality. Of special interest are articles that help improve AI, such as those developing new algorithms, or ones that help spread the use of AI, such as development of public domain tools. Given the fast pace of this topic, literature review papers are not of particular interest, nor are articles presenting as advertisements for commercial products.

Keywords

- mining industry
- mineral exploration
- healthy and safety
- artificial intelligence
- mining engineering
- machine learning

Guest Editor

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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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