Special Issue

Application of AI in Energy and Mining Research

Message from the Guest Editors

Presently, global energy and resources research is driven by many new technologies. Combinations of artificial intelligence and other disciplines in the field of energy and resources research have greatly promoted its progress. In this context, it is of great significance to take an up-to-date survey of the new advances in AI-based energy and mining research. Areas relevant to advances in AI-based energy and resource research include, but are not limited to, new understandings of intelligent mining, mathematical geology, big data for energy and resources, and AI-based applied technologies. This Special Issue will publish high-quality, original research papers from the following fields: intelligent mining; AI-based geological surveys; new applications of AI and technologies; intelligent equipment; macro research on energy and resource systems; energy security; energy- and resource-related simulation studies

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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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