Special Issue

Sustainable Mining and Underground Space Energy Storage

Message from the Guest Editors

Achieving carbon neutrality is an important goal of human social development. Traditional mining methods are prone to causing a large number of environmental and geological problems, leading to environmental pollution and geological disasters. Developing new sustainable mining technologies incorporates the utilization of underground space and the recycling of waste resources into the whole life cycle planning and design of mining. Using the underground space formed by excavation to carry out large-scale energy storage can greatly alleviate the current shortage of energy storage facilities. This Special Issue is designed to provide a platform for global researchers to engage in in-depth discussions on sustainable mining development and secure storage of underground energy. We encourage you to share your latest research, insights on new technologies, new methods, and feasibility studies to drive industry innovation and sustainability. We welcome theoretical research, empirical studies, case studies, and technical applications of all kinds. Thank you for your attention and participation. We look forward to your excellent contributions!

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/194082

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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.

Editor-in-Chief

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