Special Issue

Application of Rock Mechanics in Mining Engineering to Sustainable Energy

Message from the Guest Editors

Rock mechanics is a fundamental subject in mining engineering. Over the last few decades, huge successes have been achieved in theory and engineering applications related to mining engineering for sustainable energy. Also, as the mining depth of coal resources has increased, the rock mechanics problems faced by deep mining have become more serious, such as the efficient mechanical excavation of deep hard rock, the prevention and control of thermal disasters, stress transfer around roadways with a high ground pressure, intelligent monitoring and the early warning of rock fracture, and intelligent mining technology. This Special Issue aims to collect submissions on recent advances in rock mechanics and intelligent mining in deep coal mining engineering for sustainable energy. We expect to bring together researchers in the aforementioned fields to highlight the current development of new techniques, exchange the latest information on the underlying mechanisms, present advanced algorithms for modeling, and facilitate collaboration between researchers in different fields. We invite you to submit comprehensive review papers and original articles.

Guest Editors

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Deadline for manuscript submissions

closed (24 August 2024)

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

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