

Special Issue

Optimization and Improvement of Energy Consumption and Dynamic Loads of Mining Machines 2022

Message from the Guest Editors

This Special Issue, titled “Optimization and Improvement of Energy Consumption and Dynamic Loads of Mining Machines 2022”, will focus on matters connected with the technological development of mining machines used in underground and surface mining, tunneling, and civil engineering. I invite you to submit original scientific papers presenting results of theoretical, simulation, and experimental research on mining machines and the working processes they carry out, especially for: The mechanical mining of rocks; Rock crushing; Spoil haulage; Mine transport; Drilling machines; Roof support for mining excavations; and Mineral processing, in terms of improving their dynamic condition and minimizing the energy consumption of their work process. This Special Issue aims to publish innovative research results, including those of an applied nature. Papers presenting the results of research into the automation of mining machines to ensure a high degree of use of their technical potential, minimizing energy consumption and their dynamic load, and improving work safety are also welcome.

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Deadline for manuscript submissions

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About the Journal

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.

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