

Special Issue

Advanced Sustainable Mining and Technical Systems: Development, Optimization, and Application

Message from the Guest Editors

The main topics of this Special Issue focus on solving the urgent problems of sustainable development related to MTS:

- Energy efficiency of the mining industry
- Innovative solutions for open-underground and physical-chemical geotechnology
- Geo-mechanical support of mining
- Improvement of mining transport and mining equipment
- Mining waste using
- Auxiliary processes in the mining and technical system (power supply, ventilation, drainage)
- Industry 4.0 technologies and digitalization of mining and technical system
- Decisions making methods, modeling, optimization and risk assessment of the mining and technical system
- Methods and ways of reducing the technogenic impact of mining systems
- Environmental, social, and corporate governance (ESG) issues in the mining and technical system

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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.

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