Special Issue

Advances in Optimization and Modelling of Coal Mining

Message from the Guest Editors

Looking globally, the rising scale of coal mining—one of the most energy-exhausting and environmentally aggressive branches of the economy—introduces challenges for researchers. Optimisation efforts of coal mining operations should be targeted to both improving the overall efficiency and mitigating their environmental impact. These problems encourage researchers to begin investigations with novel modelling and calculating methods that can help to achieve a higher level of sustainable electric energy generation comprising renewable and fossil-fuelled sources.

The proposed topics of this Special Issue are:

- Energy policy
- Coal assets policy
- Energy security
- Coal-bed methane
- Energy audit of coal handling mine and power plant
- Coal energy sources for present and future
- Coal-fired energy dilemma
- Coal combustion efficiency
- Clean coal technology
- Energy climate nexus
- Geoeconomics of coal
- Coal and biomass handling and cofiring

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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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