Special Issue

Underground Coal Gasification: Clean Technology of the Coal Energy Conversion

Message from the Guest Editors

This Special Issue focuses on **energy conversion** processes in **underground coal gasification (UCG)**, including the **modelling** and **optimization** of this process and the impact of UCG technology on the environment. UCG technology is an unconventional and new coal mining method. This continually evolving technology is a large energy source that can be obtained at a lower cost and safer than convection mining. The UCG process transforms the coal's energy into the gas produced (i.e., syngas). For successful energy conversion, i.e., obtaining syngas with a higher calorific value, it is essential to develop new methods, approaches, and physical and mathematical models. The developed methods and models can improve the prediction of the UCG process state. We should not forget that this technology is also associated with many underground uncertainties and environmental impacts. We invite you to submit your original papers to the Special Issue "Underground Coal Gasification: Clean Technology of the Coal Energy Conversion", and we look forward to receiving your outstanding research.

Guest Editors

Prof. Dr. Marek Laciak

Dr. Ján Kačur

Dr. Milan Durdán

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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