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Clean Utilization and Conversion Technology of Coal

Guest Editors:

Prof. Dr. Marek Sciazko
Institute for Chemical Processing of Coal, 1 Zamkowa, 41-803 Zabrze, Poland

Dr. Aleksander Sobolewski
Institute for Chemical Processing of Coal, 1 Zamkowa, 41-803 Zabrze, Poland

Deadline for manuscript submissions:
closed (1 July 2021)

Message from the Guest Editors

Dear Colleagues,

Coal is recognized worldwide as an essential component of the energy mix required for modern lifestyles because it provides a widely distributed, secure, and reliable source of energy that is relatively easy to obtain. The long-term forecasts claim that coal will remain a major fuel in global energy systems, accounting for almost 40% of electricity generation. However, it is responsible for more than 40% of energy-related carbon dioxide emissions. Clean coal technology is expected to increase the efficiency of coal use for both energy and chemical production. It the context of the challenges associated with coal utilization, this Special Issue seeks to contribute to the Clean Utilization and Conversion Technology agenda through enhancing scientific and multi-disciplinary knowledge of this topic. We therefore invite papers on innovative technical developments, reviews, case studies, analytical works relevant to more sustainable coal-based systems. We invite all of you interested in coal research in relation to process optimization to deliver up-to-date knowledge for a broad audience besides coal users.

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Editor-in-Chief

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

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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Journal Rank: CiteScore - Q1 (Control and Optimization)

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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