Special Issue

Clean Utilization and Conversion Technologies of Coal

Message from the Guest Editors

The clean utilization and conversion technologies of coal can realistically and effectively reduce environmental pollution and carbon emissions. The development of clean coal technology will not only bring development opportunities for the coal industry, but will also have a profound impact on the power industry and power generation equipment manufacturing. This Special Issue aims to present and disseminate the most recent advances research on theory, experimental design, simulation, and application related to various types of high-efficiency and low-emission clean utilization and conversion technologies of coal. Topics of interest for publication include, but are not limited to, the following:

- Coal chemistry and application;
- Coal conversion technology;
- The efficient and clean combustion characteristics of fossil fuels;
- The control of pollutants;
- The coupled utilization of fossil fuels and renewable energy sources;
- The design of advanced burner;
- Carbon capture, utilization, and storage;
- Coal-based carbon materials.

Guest Editors

Prof. Dr. Rajender Gupta

Department of Chemical and Materials Engineering, University of Alberta, Edmonton, AB T6G 2R3, Canada

Dr. Ben Wang

State Key Laboratory of Coal Combustion, Huazhong University of Science and Technology, Wuhan 430074, China

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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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