Special Issue

The Effectiveness of Clean Coal Technologies in Global Carbon Dioxide Mitigation

Message from the Guest Editors

The aim of this Special Issue entitled “The effectiveness of clean coal technologies in global carbon dioxide mitigation” is to present various aspects of the most recent advancements related to the thermochemical conversion of coal (combustion, gasification, pyrolysis, and hydrogenation) and co-gasification with biomass/biowaste/sewage sludge. Special attention will be also given to research concerning CO2 reduction by means of capture and storage (CCS technology), as well as the chemical utilization of CO2 (CCU technology). Moreover, papers dealing with the legal aspects of the development of clean coal, CCS, and CCU technologies are also welcome.

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Deadline for manuscript submissions

closed (30 June 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/38343

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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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