Special Issue

Advanced Technologies for Energy Exploitation of Coals 2021

Message from the Guest Editors

Energy, water, and food are three major elements to ensure human existence. The whole world has entered into a new historical period, where clean and low-carbon energy is undoubtedly required. Coal is definitely an indispensable source of energy necessary for the techno-economic progress of any country. The burning of coal releases numerous nitrous, carobon, and sulphur oxides vis-à-vis organic and inorganic compounds, which are hazardous for the environment. It is a fact that these emissions result in air contamination, including climate change and local acid rain problems. Coal has been widely studied by various researchers to explore the possibilities of economical and eneviormentally friendly energy sources, and viable metals. Coal has also been used comprehensively to fabricate new nanomaterials in laboratories, as well as waste treatment and clean-coal technologies. Thus, this Special Issue aims to encourage researchers to address the technological advancements that have led to more efficient combustion of coal with reduced emissions of sulphur, carbon, and nitrogen oxide.

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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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