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Sustainability of Fossil Fuels

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Message from the Guest Editor

The energy and fuel industries represent an extensive field for the development and implementation of solutions aimed at improving the technological, environmental, and economic performance of technological cycles. In recent years, issues of ecology and energy security have become especially important. Energy is firmly connected with all spheres of human economic life, but, unfortunately, it has an extremely negative (often fatal) effect on the environment and public health. Depletion of energy resources, the complexity of their extraction and transportation are also problems of a global scale. Therefore, nowadays it is especially important to try to take care of nature and think about the resources that are necessary for future generations. For scientific teams in different countries, the development of sustainable and safe technologies for the use of fuels in the energy sector will be a challenge in the coming decades.

In this Special Issue, we will try to provide readers with the results of fundamental and applied research and reviews in the field of energy production from the combustion of fossil fuels (coal, peat, oil), waste-derived fuels and biomass.



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Special Issue



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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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