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New Frontiers in Clean and Efficient Utilization of Solid Fuel

Guest Editor:

Prof. Dr. Changan Wang
School of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an 710049, China

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Message from the Guest Editor

The utilization of solid fuel usually generates numerous pollutants, such as NOx, SOx, PMs, heavy metals, VOCs, etc., which destroy the natural and social environment and also threaten human health. In addition, the energy conversion efficiency of solid fuel still needs to be further improved. Hence, the clean and efficient utilization of solid fuel is of great importance. The aim of this Special Issue is to receive scientific contributions in this field, stimulate and exchange ideas, present recent achievements, and explore potential issues related to solid fuel, with a special focus on improving the efficiency of energy conversion and reducing the pollutant emissions during the utilization of solid fuel. Contributions can be original research papers or review papers which have not been published and are not under consideration elsewhere.

Keywords:

- Combustion/gasification/pyrolysis technologies of solid fuels
- Carbon capture, utilization, and storage
- Pollutant emission control
- Organic solid waste
- Coal and biomass

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Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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