Special Issue

Fluidized Bed Technologies for Bio-Based Materials Conversion: Advancing Combustion, Pyrolysis, and Gasification

Message from the Guest Editors

In the context of current efforts toward achieving netzero emissions, real and scalable solutions for sourcing energy and chemical feedstocks, with a shift away from fossil fuels, are needed. Fluidized bed technologies offer just such possibilities, though their application to date has largely relied on non-renewable raw materials. With this special issue, we encourage all specialists, scientists, and practitioners involved in the development of fluidized bed technologies to share their knowledge and ideas, with particular emphasis on applications related to biofuels.

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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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