Special Issue

Novel Combustion Techniques for Clean Energy II

Message from the Guest Editors

The increase in energy demand, higher levels of atmospheric pollutants, and global warming are among the most significant human challenges we are facing today. Since the world community currently depends mainly on nonrenewable fossil fuels which are unfriendly to the environment, the development of novel techniques for clean combustion is urgent. Growing efficiency requirements and limitation of pollutant emissions are factors that lead to the emergence of advanced energy technologies. Some of them are oxyfuel combustion, chemical-looping combustion (CLC), and moderate or intense low-oxygen dilution (MILD) flameless combustion. This Special Issue aims to bring together research on advances in design, modeling, and performance of novel combustion techniques for clean energy. Original research articles, as well as review articles, are welcomed.

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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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