



Biomass Energy Utilization, Waste Management and Air Pollution Control

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Message from the Guest Editors

Today, with the steadily increasing fuel demand, growing concerns have been stimulated in the development of alternative energy resources. As a renewable feedstock, biomass and solid waste have undoubtedly spurred interest in recent years, the utilization of which will pave a new route to produce green fuels.

This Special Issue on “Biomass Energy Utilization, Waste Management, and Air Pollution Control” mainly covers research in fundamental and applied sciences of biomass/solid waste management, conversion, and utilization during the development of technologies for reaching the goal of carbon neutrality and control of air pollution. The scope includes but is not limited to the following topics: (1) energy and fuel production from the optimized process of biomass/solid waste, (2) new techniques for biomass/solid waste energy utilization and management, (3) fundamental and applied sciences of product upgrading, refinery, and conversion, (4) process simulation, (5) low-carbon economy sustainability based on biomass/solid waste processing, (6) development of functional environmental materials, and (7) air pollutant control.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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