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Biomass and Municipal Solid Waste Thermal Conversion Technologies

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Message from the Guest Editors

Climate change is among the most pressing challenges of the 21st century. Concerns about the environmental impact of greenhouse gas emissions from burning fossil-based fuels have promoted the use of renewable sources of energy. These include renewable biomass, which is readily available. Notably, during the past few decades, municipal solid waste (MSW) has been drastically increasing around the world as a result of the growing urbanization. The development of the utilization of alternative resources has raised a number of other tasks and constraints linked to the nature of renewable resources, including the treatment, processing, thermal conversion, and applied technologies, and, thus, a large number of critical views on this issue. Hence, in this research topic, different kinds of “Thermal Conversion Technologies” for biomass and MSW utilization could be discussed herein.

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Message from the Editor-in-Chief

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