



Thermal Conversion of Wastes to Fuel and Chemical Feedstocks

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Message from the Guest Editor

Dear Colleagues,

Owing to the accelerating depletion of fuel resources and climate change, the need for alternative fuels is increasingly emphasized. In this regard, waste is not a simple object requiring treatment but an energy source, and research and commercialization are currently actively underway to produce various types of fuel and chemical raw materials from waste. Thermal conversion technology of organic wastes can be divided into torrefaction, pyrolysis, and gasification depending on the applied temperature and the use of air. Catalysts are also selectively used to improve the quality of the product as needed. This Special Issue aims to introduce technologies for producing fuel and chemical feedstocks from various wastes, and its scope includes thermal conversion technology using various waste resources as well as plastics and waste biomass.

Dr. Young-Min Kim

Guest Editor





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Message from the Editor-in-Chief

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