

Special Issue

Biomass, Coal and Other Solid Fuels: Thermal Conversion, Emission and Pollutant Control

Message from the Guest Editors

Solid fuels, encompassing biomass, coal and other solid waste, are indispensable as energy and chemical resources in numerous regions worldwide. Promoting the thermal conversion of these fuels in a safe, efficient and targeted manner holds utmost importance for achieving sustainability and economic prosperity. Furthermore, it is imperative to effectively manage emissions and pollutants, including CO₂, NO_x, SO_x, VOCs and trace elements, to safeguard the environment and human health. This Special Issue on “Biomass, Coal and Other Solid Fuels: Thermal Conversion, Emission and Pollutant Control” seeks high-quality research focusing on the latest novel conversion, emission and pollutant control technology for solid fuels. Topics include, but are not limited to, the following:

- Experimental research on incineration, pyrolysis, gasification, reforming and chemical looping combustion.
- Economic and life cycle evaluation of thermal conversion process.
- Reviews and comments on latest and advanced thermal conversion development.
- Emission and pollutant control during the thermal conversion

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