Special Issue

Development and Utilization of Biomass, Coal and Organic Solid Wastes

Message from the Guest Editors

Biomass, coal, and organic solid wastes are relevant to society's development. They are typically composed of the elements C, H, O, N, S, and others and regarded as carriers of energy and resources. In addition, their use is related to CO2, SOx, and NOx emissions. Therefore, the development and utilization of them with high efficiency and low emissions are promising for the future. Combustion, gasification, and pyrolysis are developing and valuable utilization methods for biomass, coal, and organic solid wastes, and there are still many research projects in the energy and chemistry fields to develop relevant technologies. This Special Issue on "Development and Utilization of Biomass, Coal and Organic Solid Wastes" includes, but is not limited to, the following topics:

- Composition analysis of biomass, coal, and organic solid wastes;
- Treatment method and mechanism;
- Utilization method and mechanism;
- Reactor design and optimization;
- Process analysis and optimization;
- Economic analysis and guidance;
- Product utilization and mechanism;
- Biochar and pyrolytic char of coal and organic solid waste.

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Editor-in-Chief

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