



Catalytic Conversion and Utilization of Biomass

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Message from the Guest Editors

Dear Colleagues,

The chemicals, energies and materials associated with biomass are renewable and sustainable, and have the potential to replace fossil feedstocks.

The scope of this Special Issue includes, but is not limited to, the following areas:

- Chemocatalytic depolymerization of biomass;
- Upgrading of biomass and lignin to fuels and chemicals;
- Novel and high-efficiency biomass fractionation methods for improving lignin quality and promoting the enzyme hydrolysis of cellulose;
- Structural elucidation of native and fractionated biomass, such as cellulose, hemicelluloses and lignin;
- Lignocellulose-based materials;
- Process simulation of integrated biorefinery and techno-economic analysis;
- Bioenergy and biomass biorefinery results from pilot, demonstration and industrial plants.

We look forward to receiving your contributions.

