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## Advanced Biomass Materials: Energy Conversion and Green Chemistry

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (20 January 2023)**

### Message from the Guest Editor

Original research articles and review articles focusing on the characterization, fractionation and energy conversion of lignocellulose as well as removal applications of lignocellulosic materials are welcome. The topical interests include, but are not limited to, the following areas:

- Bioenergy and biorefinery of biobased materials resulting from pilot, demonstration, and industrial plants.
- Novel and high-efficiency pretreatment methods for improving the degradation of lignocelluloses.
- Structural elucidation of native and fractionated biomass such as cellulose, hemicelluloses, and lignin.
- Chemocatalytic depolymerization of biomass.
- Upgrading of lignin to fuels and chemicals.
- Lignocellulose-based materials.
- Process simulation of integrated biorefinery process and techno-economic analysis.
- LCA of greenhouse gas reduction for biobased energy systems.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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