



Biomass Gasification Process in Renewable Energy Systems

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Message from the Guest Editors

Dear Colleagues,

Environmental problems are forcing a rethinking of the world's energy supply system. A fundamental shift toward greater reliance on biomass in the world's energy system is plausible because major technological advances are ongoing that hold the promise of making the conversion of biomass into high-quality energy carriers economically competitive with fossil fuels. Energy systems have become a paramount topic for both industry and researchers due to the interest in energy production from biomass with improved efficiencies and cost-effective systems.

This special issue aims to publish novel advances on biomass gasification technologies for energy production from experimental and computational perspectives. Topics include, but are not limited to:

- Progress in biomass gasification technologies;
- Biomass gasification combined heat and power systems;
- Biomass integrated gasification combined cycle systems;
- Grid integration of biomass gasification power systems;
- Life-cycle cost analysis of biomass gasification systems.





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Message from the Editor-in-Chief

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