



Energy Management and Bioenergy Applications in Sustainability

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Message from the Guest Editor

This special issue will address the role of woody biomass to support a sustainable bioeconomy, with a focus on innovative products and processes.

Relevant topics include, but are not limited to:

- innovative woody biomass products having high potential to reduce net greenhouse gas emissions within the next decade
- novel technologies for bio-based manufacture including biochar, torrefied wood, gasification, and wood-coal cofiring.
- effective sustainable use of woody biomass from targeted wastes streams including forest harvesting residues, thinnings to reduce wildfire risk, and manufacturing residues from wood products facilities
- climate change mitigation benefits derived from effective biomass use for energy products
- life cycle assessments of biomass process and products, with an emphasis on in-woods operations

Keywords

- biomass; bioenergy; bioeconomy
- torrefaction; biochar
- gasification; cofiring
- climate change mitigation





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Message from the Editor-in-Chief

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