



Prediction and Monitoring of Biomass Properties for Energy Applications

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Message from the Guest Editors

The information on the type of biomass and its physical, chemical, and energy properties are essential especially for operators called to make decisions to solve logistical, technical, and economical issues.

For practical reasons, the data should be available in a short time, at relatively low cost, and at any time and point of the supply chain, from the origin of the raw material up to the use in the final energy conversion system.

To address this need, research has been stimulated in promoting new solutions to measure the quality of biomass and biofuels through predictive modeling, innovations in analytical techniques, and tools and management strategies for monitoring biomass.

Subjects welcomed are listed below:

- Evaluation of biomass feedstock and biofuels properties used in real scale energy applications
- Quality prediction models, statistics, and surveys on biomass properties
- Relationships between biomass properties and biofuel production
- Innovative methods and tools for the assessment of biomass feedstocks and biofuel quality assessment
- Methods for quality control management in the bioenergy chain



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