



## Biomass Energy Fuels

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submissions:

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### Message from the Guest Editor

Dear Colleagues,

The beginning of the 21st century was marked by a surge in scientific interest in wastes utilization due to their catastrophically increasing from year to year. The secondary biomass is characterized with high oxygen and low calorificity, high moisture and problems with storage and transportation. So, this new feedstock has to be improved and existing coal-used technologies have to be adapted to it.

Biomass pyrolysis, torrefaction and hydrothermal processing (carbonyzation, gasification or liquefaction) could be used as feedstock upgrading technologies making it possible unify the initial biomass forming a certain standard fuel (hydrophobic, high-calorie, environmentally friendly).

The key points of technologies for secondary biomass utilization are:

- Producing of energy gases with high calorific value;
- Producing of biochar with desired properties;
- Producing of high-quality liquid fuels.

We welcome original research papers and reviews on the production of energy fluids from secondary biomass, including gasification of biomass and biochar, biomass and biochar processing.





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## Message from the Editor-in-Chief

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