



Sustainable Biomass and Waste Energy

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Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

There is currently a high and increasing demand to find new sources of energy to ensure global energy security. Further advances in energy conversion technologies are needed to minimize environmental impacts caused by their use in industry, agriculture and transport. New energy sources must have low CO₂ emissions; this is a key element for a sustainable energy future. Biomass and its residues are considered important raw materials for technological innovation in the area of energy. The aim of this Special Issue is to bring together contributions in the area of biomass and energy to enable a smoother path towards achieving worldwide energy security. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Biomass waste for energy;
- Thermal analysis as a tool for pyrolysis, gasification and torrefaction studies;
- Biomass thermal and biological conversion;
- New methods of obtaining energy from biomass;
- Hydrogen from sustainable biomass;
- Innovation/improvement in energy production by pyrolysis, gasification and torrefaction ...





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Message from the Editor-in-Chief

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