## **Special Issue**

## New Challenges in Biomass Energy Conversion

## Message from the Guest Editor

In order to meet 1.5°C climate change targets, a transition from fossil-fuel-based to renewable-based energy systems is essential. Biomass is a promising renewable energy source derived from a variety of sources, including wood, agricultural residues, sewage sludge, and food waste, etc. This Special Issue, entitled "New challenges in biomass energy conversion", presents new ideas and research findings in the field of biomass energy conversion that contribute to achieving the 1.5°C climate change target. New challenges in biomass energy conversion include, but are not limited to, biomass energy conversion technologies, electricity and heat production, gasification, biofuels, biomassbased energy systems, transportation systems, biomass energy supply chains, energy potentials, and the environmental assessment of biomass energy.

- biomass
- energy conversion
- electricity and heat production
- biofuel
- wood, agricultural residue
- environmental assessment

### **Guest Editor**

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## Deadline for manuscript submissions

closed (31 August 2023)



# Applied Sciences

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mdpi.com/si/137242

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multidimensional network.

## Editor-in-Chief

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