



## Driving Sustainability: Converting Lignocellulosic Biomass and Plastic Wastes to Energies for Decarbonisation and a Circular Economy

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Deadline for manuscript  
submissions:

**closed (31 July 2024)**

### Message from the Guest Editor

Dear Colleagues:

The threats imposed by rising energy shortages and environmental pollution have triggered urgent research on green and circular economy. The vision of this Special Issue is to upcycle waste biomass and plastics, such as through the production of potential transportation fuels, the extraction of high-purity hydrogen, the generation of biobased products, etc. Ultimately, the issue will cover mitigating the global pollution crisis with the aim of strengthening the sustainable economy and reinforcing energy safety.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Thermocatalytic conversions of solid waste to energy;
- Fractionation of lignocellulosic biomass;
- Lignin to value-added bioproducts;
- Biopolymers.

I/We look forward to receiving your contributions.





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## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

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## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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