

## Special Issue

# Advances in Biomass Conversion and Bioproduct Development: Towards Sustainable Bioprocess Engineering

### Message from the Guest Editors

This Special Issue covers cutting-edge research on biomass conversion and bioproduct development for sustainable bioprocess engineering. Biomass and bioprocesses are at the core of this issue, advancing clean energy technologies and improving energy efficiency. The articles explore the potential of renewable sources of energy and products, fostering a circular economy and sustainable development. This research contributes to tackling climate change by disseminating sustainability practices. Take the opportunity to advance knowledge and solutions to drive progress on sustainable biomass and sustainable bioprocess engineering. **Keywords:**

- biofuel production
- biomass energy
- biochemical engineering
- waste-to-energy solutions
- biomass conversion
- bioproduct development
- renewable biomass technology
- sustainable bioprocess engineering
- environmental impact of biomass
- green bioprocess engineering

### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2025)



## Applied Sciences

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### Message from the Editor-in-Chief

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 multi-dimensional network.

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### Editor-in-Chief

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