

Special Issue

Technical Advances in Biomass Conversion

Message from the Guest Editor

This Special Issue, titled “Technical Advances in Biomass Conversion”, aims to highlight the latest innovations and research breakthroughs shaping the future of this critical domain. Beyond the well-known application of biomass in renewable energy production, recent developments have expanded its potential to include a variety of high-value products, such as bio-based chemicals, materials, and pharmaceuticals, which offer promising avenues for reducing our reliance on non-renewable resources. This issue will explore cutting-edge technologies, including advanced thermochemical processes, biocatalysis, and integrated biorefineries, that are pushing the boundaries of biomass utilization. By showcasing these technical advances, we hope to inspire further research and collaboration in the quest for a more sustainable future.

- advanced thermochemical processes
- biocatalysis
- integrated biorefineries

Guest Editor

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Deadline for manuscript submissions

closed (20 March 2026)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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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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