

Special Issue

Advances in Waste Biomass and Environmental Sustainability: 2nd Edition

Message from the Guest Editor

The depletion of fossil fuel resources is a major threat to the sustainable development of human society; therefore, biomass has gained increasing attention in relation to the production of chemicals, fuels, and materials for environmental applications.

Thermochemical conversion technologies, such as pyrolysis and hydrothermal operations, could provide an alternative for the processing of biomass and wastes, enabling reuse via the transformation of their properties. In addition, the catalytic processing of biomass residues is a promising approach for the production of high-value chemicals, which still requires intense efforts. We are pleased to invite you to contribute to this Special Issue, entitled “Advances in Waste Biomass and Environmental Sustainability: 2nd Edition”, to be published in Sustainability. This Special Issue aims to present and disseminate the most recent advances in waste biomass valorization processes for the production of high-value chemicals, with the aim of developing technologies for carbon neutrality.

Guest Editor

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Deadline for manuscript submissions

30 November 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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