Special Issue

Converting and Recycling of Agroforestry Residues

Message from the Guest Editors

Agroforestry residues can be converted into organic fertilizers and plastics, animal feed, energy, edible mushroom substrates, and chemical raw materials. However, the process of converting agroforestry residues into resources presents some challenges such as a low conversion efficiency, high costs, secondary environmental pollution, poor product performance, unclear conversion processes and mechanisms, and difficult precise regulation.

This Special Issue focuses on the novel separation and conversion methods, detailed conversion processes and mechanisms, the application of converted products (such as hydrochar, artificial humic acids, biodiesel, and biopesticides), the economic analysis of recycling technologies, and the life cycle assessment of waste-to-resources for agroforestry residues. This issue will include interdisciplinary studies embracing agriculture in the biology, chemistry, and engineering fields. Research articles will cover a broad range of biowaste, such as straw, sawdust, biogas residues, feces, and other biowaste from agriculture and forestry. All types of articles, such as original research, opinions, and reviews are welcome.

Guest Editors

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Deadline for manuscript submissions

25 August 2025

Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 6.3

mdpi.com/si/215706

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

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