

Special Issue

Agricultural Biomass Generation and Utilization: Progress, Challenges and Prospects

Message from the Guest Editors

Agricultural biomass is here thought to be the non-edible biological substances that are generated during agricultural production and produced on marginal land, including but not limited to crop residues, pruning waste, fruit and vegetable lefts, dead livestock and poultry and manure, and marginal land plants. This Special Issue aims to collect the most recent studies on the technical solutions and methods adopted for the assessment, treatment, valorization of agricultural biomass generation, in addition to technical–social–economic analyses. The Special Issue invites submissions of papers covering a broad range of topics, including but not limited to the following: Agricultural biomass generation assessment; Agricultural biomass properties and characteristics; Solid biofuels and utilization; Biochar; Composting; Anaerobic digestion and digestates valorization; Manure acidification; Field application of manure, compost, and biogas digestates; Hydrothermal carbonization; GHG emissions accounting and reduction; Value-added utilization of agricultural biomass (feed, insect protein, single-cell protein, etc.); Technical–social–economic analyses.

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Deadline for manuscript submissions

closed (25 February 2026)



Agriculture

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Impact Factor 3.6
CiteScore 7.8



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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

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