

## Special Issue

# Waste Biomass Processing and Its Role in Maintaining Plant and Soil Health

### Message from the Guest Editor

This Special Issue aims to highlight impactful research focusing on the various practical possibilities of using processed waste biomass for agricultural, horticultural, forestry, and reclamation purposes. Covering challenges in the processing of waste biomass (advantages and disadvantages of a given process, process efficiency, economic aspect), valorization of the resulting products (chemical compositions confirming or excluding the fertilizing value), and their impact on the soil and plants (possible changes in soil chemistry and plant quality). Topics should be addressed to the following issues:

- innovations in the waste biomass processing process;
- fertilizing value of compost, vermicompost, digestate, biochar as the end products of biomass processing;
- the role and importance of biomass processed in organic amendments as an element of the sustainable management of natural resources;
- the real impact of the biomass used after processing on soil chemistry and plant quality;
- multi-faced valorization of compost, vermicompost, digestate, biochar;
- the balance of gas emissions during biomass processing and soil application of final products of the processing process.

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### Guest Editor

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### Deadline for manuscript submissions

closed (25 September 2024)



## Agriculture

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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.

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### Editor-in-Chief

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