

## Special Issue

# Biochar Applications in Agricultural Soil Restoration

### Message from the Guest Editor

Biochar has emerged as a promising solution for agricultural soil restoration, with the potential to improve soil quality, increase fertility, and mitigate environmental degradation. This Special Issue aims to explore the latest advancements in biochar research, particularly its role in soil restoration for agricultural productivity and environmental sustainability. This Special Issue mainly solicits research papers in the following areas:

- Long-term (5 or more years' application) effects of the field application of biochar;
- Applications of biochar in improving the quality of degraded agricultural soils (e.g., acidic soils, saline soils, and polluted soils);
- Effects of biochar on carbon sequestration and greenhouse gas emission reduction in agricultural soils;
- Effects and mechanisms of biochar application, including direct comparative studies on the effects of biochar derived from different feedstocks, as well as studies on the application rates and durations of biochar application, in addition to its synergistic effects with other soil amendments.

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### Guest Editor

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### Deadline for manuscript submissions

20 June 2025



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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### Editor-in-Chief

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