

## Special Issue

# Crop Residue Management for Healthy Soils

### Message from the Guest Editor

The use of conventional tillage to remove crop residues has been shown to cause a decrease in soil quality and productivity due to erosion and loss of soil, carbon, and nutrients, as indicated by poor biological diversity. Conversion to reduced tillage with retention of crop residues has shown positive results in terms of soil carbon storage, nutrient cycling, and general soil health. In addition, the conversion of the various residues could improve the recalcitrance of organic matter, increasing its longevity in soil. The aim of this Special Issue is to collate high-quality research on soil health benefits as a result of different management strategies of crop residues in a variety of climatic conditions and soil types. In particular, we are seeking full research papers that are based on the management of residues of both perennial and annual crops, including biochar types of these residues; the storage of soil carbon pools; physical properties; erosion; nutrient pools and cycling; soil biological properties; and overall productivity. Submissions can cover cereals, legumes, and their combinations, including pastures.

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### Guest Editor

Prof. Dr. Pardon Muchaonyerwa

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### Deadline for manuscript submissions

25 June 2026



## Agriculture

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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.

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### Editor-in-Chief

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