

## Special Issue

# Effects of Biochar Application on Crop Productivity Soil Carbon Sequestration and Greenhouse Gas Intensity

### Message from the Guest Editor

- Background and history of this topic:

Soil organic matter plays an important role in soil productivity, agricultural sustainable development and global climate change. Biochar has demonstrated great promise in various ways. However, the long-term effects and the life cycle assessment under biochar amendment should be evaluated.

- Aim and scope of the special issue:

This Special Issue can provide insight into the long-term effects on crop productivity, carbon sequestration and greenhouse gas emissions, using the life cycle assessment to evaluate these effects.

- Cutting-edge research:

Molecular composition of soil organic matter, accumulation of microbial residue-C and microbial community structure composition under biochar application.

- What kind of papers we are soliciting:

Review or research papers.

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### Guest Editor

Dr. Afeng Zhang

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### Deadline for manuscript submissions

closed (31 December 2022)



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### Message from the Editor-in-Chief

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### Editor-in-Chief

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