



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

Guest Editor:

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Deadline for manuscript submissions:

closed (31 December 2022)

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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Message from the Editor-in-Chief

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