

## Special Issue

# Frontiers in Soil Carbon Sequestration in Grasslands, Agriculture and Forests

### Message from the Guest Editors

Soil carbon pool is the largest carbon pool in the terrestrial ecosystem. Enhancing soil carbon sequestration capacity is an important way to slow down the increase in atmospheric CO<sub>2</sub> concentration. It is also an important indirect emission reduction means to achieve the strategic goal of "carbon neutrality". Grassland, agriculture, and forests are the most important carbon pools of the terrestrial ecosystem. Under global climate change and human disturbance, the trigger, response, adaptation, and feedback process and mechanism of soil carbon in grassland, agriculture, and forest are still unclear. More specifically, how carbon sequestration changes, where carbon sinks originate, and which projects should be strengthened to increase carbon sequestration are still largely unclear. Frontiers in soil carbon sequestration in grassland, agriculture, and forests will provide scientific basis and theoretical support for accomplishing the global new carbon neutrality pledge.

We invite papers from researchers to share findings from a field experiment (multiple sites), large-scale transect survey, combined with remote sensing products. Long-term research results are welcome.

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### Guest Editors

Dr. Juejie Yang

Prof. Dr. Shikui Dong

Prof. Dr. Lin Liu

Prof. Dr. Fei Li

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### Deadline for manuscript submissions

closed (25 February 2023)



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### Editor-in-Chief

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