



Carbon Sequestration in Agriculture Soil for Climate Change, Food Security, and Ecosystem Services of Agronomy

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Message from the Guest Editors

Today's agriculture and agricultural production for human and livestock nutrition are strongly influenced by a wide range of variables, such as tillage practices, the application of manure and mineral fertilizers, and climate change. All these variables significantly affect soil and soil organic matter (SOM), which plays one of the most important roles in terrestrial and especially agroecosystems. Contributions should focus on the latest findings from comprehensive research on climate change, carbon sequestration in agricultural soils (biochemistry of SOM, humic substances, humic acids, etc., physic-chemical properties of soils, cycling of substances and nutrients concerning carbon sequestration, monitoring and modeling of changes in soil carbon content and stocks, etc.) and the impact of different soil management practices. The results of long-term experiments will be particularly welcome. Papers should evaluate management measures on agricultural soils in the light of current changes and encourage and lead to sustainable and rational land use in the future (sustainable intensification).

Deadline for manuscript submissions:

closed (31 October 2022)





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Message from the Editor-in-Chief

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