

Special Issue

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

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).

Guest Editors

Dr. Ladislav Menšík

Dr. Eva Kunzová

Dr. Lukáš Hlisnikovský

Deadline for manuscript submissions

closed (31 October 2022)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/98382

Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)