

Special Issue

Effect of Fertilization on Soil Quality

Message from the Guest Editor

Soil quality is the crucial foundation for high crop productivity and global food safety, and fertilization practices have a great effect on soil quality and high crop yield. However, intensive agriculture production has brought about great environmental stress. This Special Issue will focus on the effect of fertilization practices on soil quality, where fertilization practices include chemical fertilizers, organic fertilizers, and other new types of fertilizers (controlled release fertilizers and soil conditioners), and soil quality includes soil carbon fixation, mineral element cycle, soil biology and ecology, cultivated land quality and soil health, and the accumulation of heavy metals, microplastics, and different antibiotics in typical regions.

Guest Editor

Dr. Shicheng Zhao

Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences, Beijing, China

Deadline for manuscript submissions

closed (10 April 2024)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/179873

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), GEOBASE, PubAg, AGRIS, and other databases.

Journal Rank:

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