

## Special Issue

# Effects of Agrotechnical Factors and Farming Systems on Soil Properties and Plant Productivity

### Message from the Guest Editors

Fertile soil, rich in nutrients and beneficial microorganisms, guarantees high-quality crops. High soil quality is particularly important in sustainable and ecological farming. The level of agricultural technology used, including the type and amount of fertilization, plays an important role in shaping the quality of the soil. Another important aspect is the monitoring of the condition of soils subjected to broadly understood anthropopressure. Soil health monitoring can help to guarantee the production of healthy and safe food, free from chemical contamination and pathogens. To achieve the goals outlined above, new knowledge is needed on how to improve crop management and soil quality. The new information obtained should be widely disseminated not only in the scientific community, but also easily accessible to agricultural practice, the agricultural advisory industry, processors and other stakeholders. We invite scientists to share their knowledge about innovative solutions in crop management, with particular emphasis on soil fertility and quality, as well as soil condition monitoring. Both original research papers and thematic reviews are accepted.

### Guest Editors

Prof. Dr. Cezary A. Kwiatkowski

Department of Herbology and Plant Cultivation Techniques, University of Life Sciences, Akademicka 13, 20-950 Lublin, Poland

Dr. Elżbieta Harasim

Department of Herbology and Plant Cultivation Techniques, University of Life Sciences, Akademicka 13 Street, 20-950 Lublin, Poland

### Deadline for manuscript submissions

closed (30 April 2025)



## Agronomy

an Open Access Journal  
by MDPI

Impact Factor 3.4  
CiteScore 6.7



[mdpi.com/si/150960](https://mdpi.com/si/150960)

*Agronomy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto: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)