

Special Issue

Comprehensive Impacts of Agrobiodiversity in Agricultural Ecosystems

Message from the Guest Editors

The biodiversity of agricultural systems is threatened by industrialized food production, which mainly focuses on quantitative rather than qualitative traits, putting less emphasis on the health, productivity, and resilience of agricultural ecosystems. This Special Issue examines its comprehensive effects on ecosystem services, including soil fertility, pest regulation, and climate change adaptation, and seeks practical, science-based solutions with which to overcome the negative impacts. Focus is placed on enhancing biodiversity across four different levels, from crops and associated organisms to sociocultural, economic, and institutional diversity. This Special Issue highlights the importance of conserving and utilizing agrobiodiversity to support sustainable food systems in urban and rural livelihoods, with a focus on food security and ecological balance. The topics covered in this Special Issue include, but are not limited to, organic farming systems, agroecology, regenerative agriculture, soil microbial diversity, landraces, urban agriculture, ecosystem services, climate change adaptation, and food security.

Guest Editors

Dr. László Sipos

Department of Postharvest Science, Supply Chain, Commercial and Sensory Evaluation, Institute of Food Science and Technology, Hungarian University of Agriculture and Life Sciences, 29-43 Villányi út, H-1118 Budapest, Hungary

Dr. László Csambalik

Department of Agroecology and Organic Farming, Institute of Rural Development and Sustainable Production, Hungarian University of Agriculture and Life Sciences, H-1118 Budapest, Hungary

Deadline for manuscript submissions

31 March 2026



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/239848

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)