Special Issue

Agricultural Automation and Innovative Agricultural Systems—2nd Edition

Message from the Guest Editors

Delivering the European Green Deal and UN Sustainable Development Goals (SDGs) has highlighted the importance of achieving agricultural transition via the employment and realization of innovative agricultural systems, digitalization and automation. At present, technological developments are extremely rapid, but are still not implemented sufficiently in the agricultural sector. Innovations and automation are able to ensure the healthy production of food, the sustainable use of resources, and the adaptation and mitigation of climate change with the aim of saving the planet for future generations. Researchers play a crucial role in answering questions and helping to implement innovative adaptations in practice. In this Special Issue, we invite you to share the results of your high-quality research into innovative agrotechnologies, the application of novel preparations and equipment, automation, robotization, digitalization, ICT, sensors in agricultural systems, the application of precision agriculture, smart agricultural engineering in conventional, sustainable and organic crop production, horticulture, animal husbandry, and primary processing.

Guest Editors

Prof. Dr. Egidijus Šarauskis

Dr. Vilma Naujokienė

Dr. Zita Kriauciuniene

Deadline for manuscript submissions

closed (31 January 2025)



an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



mdpi.com/si/182590

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

mdpi.com/journal/agronomy





an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



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)

