Special Issue

Agricultural Innovation in Sustainable and Organic Vegetable Crops Production

Message from the Guest Editors

Developing innovative processes is essential for achieving technological advancements in conventional agriculture sectors. Given the consequences of natural phenomena, especially in relation to the climate, it is crucial that we search for new alternatives to mitigate these effects in vegetable cultivation. Sustainable production has potential across different farming systems and is especially relevant in organic production. Sustainable vegetable production involves very complex cultivation systems; thus, for this Special Issue, we seek new insights and approaches to innovation in this sector. Topics of interest include the following: 1. Strategies to mitigate water waste in vegetable crops; 2. Natural resources and vegetable biodiversity for the development of family farming; 3. Solutions for the development of organic systems; 4. New insights into sustainable farming systems for vegetables; 5. Genetic improvement for sustainable vegetable production.

Guest Editors

Dr. Jose Magno Queiroz Luz

Institute of Agrarian Sciences, Federal University of Uberlândia, Uberlândia 38410-337, Brazil

Prof. Dr. Gabriel M. Maciel

Institute of Agrarian Sciences, Federal University of Uberlândia, Monte Carmelo 38500-000, Brazil

Deadline for manuscript submissions

25 December 2025



an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



mdpi.com/si/208667

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)

