

Special Issue

Agronomic Performance and Nutraceutical Value of Vegetables in Sustainable Agricultural Systems

Message from the Guest Editors

The agricultural model that originated during the green revolution was based on large-scale, intensive, and simplified farming systems. Indeed, it has been proven that this model is unable to adapt to major environmental and economic shocks as well as diminishing yield stability and food safety and quality. Therefore, the call for more sustainable cropping systems has led to increased interest in new cropping practices based on the use of local natural resources and functional agrobiodiversity to reduce reliance on external inputs, maintain adequate yield, and improve the nutritional and nutraceutical value of crops. On the other hand, there is also increased interest in the research of functional foods rich in bioactive compounds, which are able to prevent neurodegenerative chronic diseases. The aim of this Special Issue is the assessment of new sustainable vegetable systems supporting crop diversification and investigating the effect of the interactions between the different components of agroecosystems on the nutraceutical value of vegetable crops.

Guest Editors

Dr. Costanza Ceccanti
Dr. Federico Leoni
Dr. Stefano Carlesi

Deadline for manuscript submissions

closed (30 April 2023)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/140509

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)