

Special Issue

Recycling of Organic Wastes in Agriculture: Serving for Sustainable Agriculture

Message from the Guest Editors

In the face of pressure on natural resources and environmental degradation, it is necessary to optimize the use of resources and energy. In agriculture, this is possible using organic waste, which is rich in organic matter and nutrients. This approach decreases the need for mineral fertilizers, reduces greenhouse gas emissions, and partially solves the problem of waste storage. However, it is worth assessing the risks associated with introducing pollutants with organic waste. According to this, the aim of the Special Issue is to showcase recent advances in the utilization of organic waste in agriculture to achieve maximum environmental benefits. We welcome the submission of original research and review articles on topics related to use of organic waste in agricultural purposes, including an integrated approach to the valorization of organic waste, the evaluation of fertilizer potential, impact on soil properties, crop productivity and quality, potential contaminants and methods to reduce their occurrence, and socio-economic analyses in terms of organic waste use.

Guest Editors

Dr. Halyna Kominko

Department of Chemical Technology and Environmental Analytics,
Faculty of Chemical Engineering and Technology, Cracow University of
Technology, Warszawska Street 24, 31-155 Cracow, Poland

Dr. Grzegorz Izydorczyk

Department of Advanced Material Technologies, Faculty of Chemistry,
Wrocław University of Science and Technology, 50-370 Wrocław,
Poland

Deadline for manuscript submissions

30 September 2025



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/199945

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)