

Special Issue

Informatics for Digital Farming

Message from the Guest Editor

The global food security problem caused by the climate crisis is increasing the need for sustainable agriculture. Researchers should be interested in the continuous challenge to realize sustainable agriculture while improving the efficiency of agricultural production. Agricultural data are a meaningful resource that cover all aspects of the agricultural environment. Thus, sustainable agriculture can be realized by applying various advanced technologies based on agricultural data. Informatics in digital farming is a new agricultural paradigm that collects data from the entire agriculture and applies various digital analysis techniques to maximize agricultural production through optimal decision-making. This special feature will focus on “Informatics for Digital Agriculture”, a new stage in data-driven agricultural technology from the perspective of digitization of the entire agricultural cycle. We welcome research and reviews covering all related topics, including agricultural informatics technology, such as smart sensing, control, informatization, mapping, AI, and solutions for sustainable agriculture.

Guest Editor

Dr. Yong-joo Kim

Department of Biosystems Machinery Engineering College of Agriculture and Life Science, University of Chungnam National, Daejeon 34134, Korea

Deadline for manuscript submissions

closed (20 August 2022)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.2



mdpi.com/si/107935

Agronomy

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 3.3
CiteScore 6.2



[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 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)