

Special Issue

Predictions and Estimations in Agricultural Production under a Changing Climate—Volume II

Message from the Guest Editors

Simulations of processes occurring in food production help us to understand the combined effects of water and nutrient deficiencies, pests, diseases, the impact of yield variability, and other field conditions during the growing season. In other words, they integrate multiple factors affecting the final production outcome with relatively low prediction error. Currently, tools supporting prediction in agriculture include classical statistical models, machine learning, GIS tools, satellite and aerial remote sensing, the Internet of Things, and big data. The abovementioned techniques have become allies of decision makers in key decision-making processes, supporting industry databases with relevant information necessary in the process of managing and monitoring agricultural production.

Guest Editors

Dr. Magdalena Piekutowska

Prof. Dr. Gniewko Niedbała

Dr. Tomasz Wojciechowski

Dr. Mohsen Niazian

Deadline for manuscript submissions

closed (25 September 2024)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/188624

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)