

Special Issue

Statistical Advances and Modeling in Agriculture

Message from the Guest Editor

Biostatistics has played a crucial role over the years, by supporting and enhancing research contributions within the field of agriculture. Technological advances have now widely facilitated the acquisition of high-dimensional biological data sets. Currently, a major scientific challenge lies in understanding these data sets, efficiently extracting relevant information, and producing new knowledge. Characteristic examples include, but are not limited to, data related to genome-wide DNA methylation, RNA sequencing (transcriptomics), quantitative proteomics, and metagenomics. This Special Issue aims to promote statistical advances and modeling in agriculture. We invite you to submit articles on applied statistics, computational statistics, machine learning, causal discovery/models, novel algorithms, new methodological approaches, etc., in all areas of agriculture, involving high-dimensional data and special or standard datasets. Research articles employing standard statistical methodology and modeling are also welcomed, with an emphasis on the statistical aspects of the performed research.

Guest Editor

Dr. Theodoros Moysiadis

1. Institute of Plant Breeding and Genetic Resources, Hellenic Agricultural Organization Dimira, 57001 Thessaloniki, Greece
2. Department of Computer Science, School of Sciences and Engineering, University of Nicosia, Nicosia 2417, Cyprus

Deadline for manuscript submissions

closed (29 February 2024)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/160004

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)