

Special Issue

Recent Advances in Spectral Technology Applications in Agriculture

Message from the Guest Editors

Currently, there is a need to continue generating tools and technology applications based on remote sensing data, with the aim of offering researchers, technicians, public institution users, and agricultural traders updated information for decision making. These tools and technologies, based on the use and integration of different spatially information sources, may be used in the agricultural sector, and in the management of natural resources/soil/water, contributing to the improvement of agricultural productivity, efficiency in the use of resources and adaptation to climate change effects. This Special Issue invites authors to participate via the submission of original papers related to recent advances and future perspectives in the potential development of new technological applications related to: (1) describing land use and land cover changes at different temporal and spatial scales, (2) the monitoring and estimation of both forage and crop production, (3) precision agriculture, and (4) remote sensing and machine learning applications based on satellite images and UAVs, among others

Guest Editors

Dr. Carlos Marcelo Di Bella

1. IFEVA, Universidad de Buenos Aires, CONICET, Facultad de Agronomía, Buenos Aires C1417DSE, Argentina
2. Department of Quantitative Methods and Information Systems, School of Agriculture, University of Buenos Aires (UBA), Av. San Martín 4453, Buenos Aires C1417DSE, Argentina

Dr. Pablo Baldassini

Department of Quantitative Methods and Information Systems, School of Agriculture, University of Buenos Aires (UBA), Av. San Martín 4453, Buenos Aires C1417DSE, Argentina

Deadline for manuscript submissions

closed (25 June 2023)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/142377

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)