

Special Issue

Precision Farming and Control of Crop Production Series II

Message from the Guest Editors

The development of the technologies over the past few decades has made available platforms and sensors useful to acquire more and more accurate data from the observation of the terrestrial surface for what concerns both geometry and radiometry. In this context, agriculture is one of the primary fields of application of the Earth observation techniques. Data from remote sensors can provide relevant information about the development and the conditions of agricultural crops thanks to the availability of multi- and hyperspectral sensors. Precision farming, born of a need for a rational use of resources, is based upon the availability of very detailed and spatially distributed information relative to the conditions and the state of the crops in the field. Therefore, it is possible to determine some of the characteristics of vegetated surfaces on the basis of their interaction with the incident solar radiation (part of the electromagnetic spectrum visible/infrared near and medium) and/or on the basis of the emitted radiation (part of the electromagnetic thermal infrared spectrum).

Guest Editors

Prof. Dr. Maria Grazia D'Urso

Dr. Alberto Guarnieri

Dr. Shibendu Ray

Deadline for manuscript submissions

closed (30 June 2023)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/143378

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)