

Special Issue

Climate Measurements and Equipment Automations in Agricultural Buildings

Message from the Guest Editor

Crop and livestock production under agricultural buildings are among the most intensive agricultural systems. Several technologies and techniques have been developed and used to increase the sustainability and circularity of the above systems. Production practices have been modernised by involving precision agriculture technologies, decision support systems (DSS), sensors, automations, and highly promising families of technologies such as the wireless sensor networks, the Internet of Things, and cloud computing. The goal of this Special Issue is to present the latest innovative studies, tools, approaches, and techniques that have been successful in addressing some of the above concerns, such as the use of sensors and measuring and data analysis techniques, energy saving technologies, circularity increase techniques and methods and automations and control systems in agricultural buildings including greenhouses, screenhouses, livestock buildings, and facilities for agricultural products storage and drying.

Guest Editor

Prof. Dr. Nikolaos Katsoulas

Department of Agriculture Crop Production and Rural Environment,
School of Agricultural Sciences, University of Thessaly, Fytokou Str.,
38446 Volos, Greece

Deadline for manuscript submissions

closed (30 April 2021)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/22329

Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

[mdpi.com/journal/
agronomy](http://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](http://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)

