Special Issue

Application of Agriculture Digitization in Cropping Systems

Message from the Guest Editor

Global pains within agriculture—such as uniform repetitive working conditions, increasing weed resistance problems and society's demands for continued reduction in the use of pesticides, increasing demand for food and feed for a growing population, and a higher requirement for food safety, along with the continual cost optimization in the primary agricultural production—all contribute to the need for new solutions. This Special Issue on the application of agriculture digitization in cropping systems aims to present novel research in the implementation and use of these new technologies for optimization and sustainable intensification of cropping systems, along with research that presents how value is created using these new digital solutions and technologies. The digitization of cropping systems will be an extremely important part of agricultural development over the next decade; by highlighting and promoting these new possibilities, we hope the agricultural domain will be able to share the new knowledge and experiences with similar high adoption rate.

Guest Editor

Prof. Dr. Ole Green

Department of AgroEcology, Aarhus University, Blichers Allé 20, Tjele, Danmark

Deadline for manuscript submissions

closed (25 September 2022)



an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



mdpi.com/si/109397

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

mdpi.com/journal/agronomy





an Open Access Journal by MDPI

Impact Factor 3.4 CiteScore 6.7



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)

