Research Advances in Digital Technologies to Improve Agricultural Productivity

Guest Editor:

Dr. Rouverson Pereira Silva
Department of Engineering and Mathematical Sciences, School of Agricultural and Veterinarian Sciences, São Paulo State University (Unesp), Jaboticabal, São Paulo 14884-900, Brazil

Deadline for manuscript submissions:
closed (2 December 2022)

Message from the Guest Editor

Dear Colleagues,

Digital agriculture has developed quickly, and its applications are essential to meet the high demand for food production in a sustainable way, seeking to meet the United Nations Sustainable Development Goals. With this Special Issue of *Agronomy*, we seek integrative studies that demonstrate the progress of research that makes it possible to increase the productivity of agricultural crops, as well as reviews that offer original perspectives on the use of remote, aerial, and proximal sensing, artificial learning techniques, and/or about the use of robots in agriculture. In addition, we encourage contributions that present original studies focused on predicting productivity and maturity of crops under field conditions, the management of biotic and abiotic factors that affect productivity in the field, and use of agricultural robots to perform selective harvesting, spraying, and other agricultural operations.

mdpi.com/si/121518

Special Issue

Editor-in-Chief

Prof. Dr. Leslie A. Weston
Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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.

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 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us