



Agricultural Environment and Intelligent Plant Protection Equipment

Guest Editors:

Prof. Dr. Xiongkui He

Prof. Dr. Fuzeng Yang

Prof. Dr. Baijing Qiu

Deadline for manuscript
submissions:
closed (15 October 2023)

Message from the Guest Editors

The agricultural environment refers to the combination of various natural and artificially modified natural factors that affect the survival and development of agricultural organisms, including farmland, forest, grassland, irrigation water, air, light, heat and chemical fertilizer applied to farmland, pesticides and agricultural equipment. These factors constitute a comprehensive agricultural environment system, interacting with each other and affecting agricultural production together.

As a vital component of agricultural environment, plant protection equipment plays an indispensable role in agricultural production. The intellectualization of plant protection equipment is an important link to drive agricultural development processes. With the advantages of saving time and effort, precision and high efficiency, intelligent plant protection equipment makes great contributions to cost reduction, increasing incomes, as well as to the healthy and sustainable development of agriculture.

In this Special Issue, we aim to exchange knowledge on any aspect related to the agricultural environment and intelligent plant protection equipment to promote sustainable agricultural development.





an Open Access Journal by MDPI

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), GEOBASE, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi