

Special Issue

Sustainable Development of Intelligent Agriculture

Message from the Guest Editors

Today, mankind is facing global problems, including food shortages, population growth, energy crises, environmental pollution, and climate change. Agriculture is the basis of human survival; however, traditional agricultural production methods lead to a waste of resources, environmental damage, and other issues that are not conducive to the sustainable agricultural development necessary to alleviate and solve these problems. Intelligent agriculture optimizes production decisions, continuously improves production processes, increases agricultural production efficiency, and achieves sustainable economic, social, and environmental development through digital technologies such as artificial intelligence, big data, blockchain, cloud computing, the Internet of Things, and 5G. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Soil informatics;
- Seed informatics;
- Smart fungi;
- Agricultural intelligent equipment;
- Research on optical agriculture.

Guest Editors

Prof. Dr. Helong Yu

Prof. Dr. Jian Zhang

Prof. Dr. Yuntao Ma

Dr. Jing Zhou

Dr. Li Ma

Deadline for manuscript submissions

30 November 2024



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/167601

Sustainability

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)