

Special Issue

New Technological Applications in Agriculture for the Development of the Circular Bioeconomy, 2nd Edition

Message from the Guest Editors

This Special Issue aims to provide a platform to publish the agricultural circular economy and report the important research progress of new technologies, new methods, and new equipment in the circular agricultural economy, focusing on new applications of agricultural informatization, intelligent equipment technology, and green prevention and control technology. We welcome submissions from a variety of research directions, including, but not limited to, the following topics: (1) Research progress of green prevention and control technology in agricultural circular economy; (2) Research progress of Internet of Things technology in agricultural circular economy; (3) Research progress of agricultural information technology in agricultural circular economy; (4) Research progress of intelligent equipment technology in agricultural circular economy; (5) Research progress of soil testing and formulated fertilization in agricultural circular economy; (6) Research progress of artificial intelligence technology in agricultural circular economy; (7) Research progress of “5S” technology in agricultural circular economy; (8) Research progress of big data technology in agricultural circular economy.

Guest Editors

Prof. Dr. Yingkuan Wang

Academy of Agricultural Planning and Engineering, Ministry of Agriculture and Rural Affairs, Beijing 100125, China

Dr. Jianbo Shen

Department of Smart Agriculture and Engineering, Wenzhou Vocational College of Science and Technology, Wenzhou 325006, China

Deadline for manuscript submissions

30 June 2026



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/259776

Sustainability
Editorial Office
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 7.7



[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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

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