

Special Issue

Research on Conservation Tillage Technology and Bionic Intelligent Agricultural Equipment

Message from the Guest Editors

This Special Issue aims to cover conservation tillage and all the various advanced bionic intelligent agricultural equipment that is required for it; this also includes their matching technologies and methods, which are involved in no tillage, reduced tillage, straw-returning tillage, sowing, harvesting and other tillage modes and agricultural production links. This Special Issue will focus on the contribution of conservation tillage to more sustainable global agriculture through the collaborative lens of a diverse group of experts and scholars. In this Special Issue, original research articles and reviews are welcome.

- conservation tillage
- agricultural equipment
- bionic design
- intelligent agricultural equipment
- cover crops
- agricultural technology implement
- life cycle analysis
- soil quality
- water quality
- sustainable agriculture

We look forward to receiving your contributions.

Guest Editors

Dr. Qi Wang

College of Engineering, Northeast Agricultural University, Harbin 150030, China

Prof. Dr. Yi-Jia Wang

School of Water Conservancy & Civil Engineering, Northeast Agricultural University, Harbin 150030, China

Deadline for manuscript submissions

closed (3 November 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/168194

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)