

Special Issue

Research on Resource Utilization of Green Agricultural Waste

Message from the Guest Editors

The purpose of this issue is to provide crucial information to enhance discussions, analyses, and evaluations pertaining to the resource utilization of agricultural waste. It covers various research topics related to the technology of agricultural waste resource utilization, including Pyrolysis technology, Hydrothermal carbonization technology, Biogas technology, and other relevant sciences. The increasing amount of agricultural waste due to the development of the agricultural economy poses a significant environmental impact if not properly managed. However, if agricultural waste is effectively and resourcefully utilized, it can transform into a valuable resource, such as renewable energy and series products. Authors are encouraged to submit their contributions on different hot topics in this field.

- Characteristics, resources and distribution of agricultural waste;
- Pretreatment, thermochemical and biochemical utilization of agricultural waste;
- Carbon capture, storage, and utilization of agricultural waste;
- Extraction of value-added compounds from agricultural waste using green technologies;

Guest Editors

Prof. Dr. Zonglu Yao

Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences, Beijing 100081, China

Prof. Dr. Lili Huo

Chinese Academy of Agricultural Sciences, Beijing 100081, China

Dr. Jiadong Yu

Chinese Academy of Agricultural Sciences, Beijing, China

Deadline for manuscript submissions

closed (25 May 2024)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 4.9



mdpi.com/si/184555

Agriculture

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

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





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 4.9



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



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

Editor-in-Chief

Prof. Dr. Les Copeland
Sydney Institute of Agriculture, School of Life and Environmental
Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)