

Special Issue

Energy Economics and Low Carbon Policy in the Agriculture Sector

Message from the Guest Editors

As the agricultural industrial chain has been extended, the energy consumption and carbon emissions of the entire agricultural system have been increasing, which cannot be ignored. The overall adjustment of the agricultural production mode and structure can reduce the number of carbon emission sources, and significantly increase the carbon sink in the process of agricultural production. Therefore, it is of great practical significance to study the impact of energy innovation and low-carbon policies in the agricultural sector on global environmental efficiency. The gradual realization of carbon neutralization within agriculture and rural areas would contribute greatly to global carbon neutralization.

This Special Issue focuses on the role that energy economics and low-carbon policies of the agricultural sector play in the process of global carbon neutralization over time. We welcome highly interdisciplinary quality studies from disparate research fields, including energy economics and low-carbon policies of the agricultural sector, agricultural environmental efficiency calculation and modeling, rural green development, carbon finance, climate change risk prevention, etc.

Guest Editors

Prof. Dr. Huaping Sun

Prof. Dr. Huiming Zhang

Dr. Farhad Taghizadeh-Hesary

Deadline for manuscript submissions

closed (10 February 2023)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/133197

Agriculture
Editorial Office
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 3.6
CiteScore 6.3



[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, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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)