



an Open Access Journal by MDPI

New Energy-Powered Agricultural Machinery and Equipment

Guest Editors:

Dr. Cheng Shen

Nanjing Institute of Agricultural Mechanization, Ministry of Agriculture and Rural Affairs, Nanjing 210014, China

Prof. Dr. Zhong Tang

School of Agricultural Engineering, Jiangsu University, Zhenjiang 212013, China

Prof. Dr. Maohua Xiao

College of Engineering, Nanjing Agricultural University, Nanjing 210031, China

Deadline for manuscript submissions: **25 August 2024**

Message from the Guest Editors

In order to achieve the goal of controlling carbon emissions and fossil energy consumption, it is necessary to reduce the high dependence of agricultural production on fossil energy, so the development of new energy-powered agricultural machinery and equipment with electric technology at the core is imperative. In this regard, this journal is hereby launching a call for papers in the research field of "New Energy-Powered Agricultural Machinery and Equipment" to provide ideas and technical references for the innovation and development of new energy-powered agricultural machinery and equipment around the world.

Potential topics include, but are not limited to:

- Structural innovation design of agricultural machinery and equipment for new energy power;
- Development and utilization of new energy power applicable to agricultural machinery and equipment;
- Intelligent control system development of agricultural machinery and equipment with new energy power;
- Application, scenario and promotion of new energy power for agricultural equipment.

Specialsue



mdpi.com/si/194520





an Open Access Journal by MDPI

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

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.

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)

Contact Us

Agriculture Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/agriculture agriculture@mdpi.com X@AgricultureMdpi