

Special Issue

Innovative Design and Application of Modern Agricultural Machinery Systems in Cropping Systems

Message from the Guest Editors

Different mechanical systems are used in various types of cropping systems. There is an urgent need for innovative and common mechanical systems to meet the growing global demands. With these challenges and opportunities in mind, we are excited to announce this Special Issue, aimed at showcasing the groundbreaking research in the designs and applications of modern agricultural machinery systems. We welcome original contributions and comprehensive reviews from various research fields. These themes encompass a range of topics which are crucial for advancing agricultural production, including tillage, seeding, fertilization, harvesting, tractor technology, and control and automation systems. Themes and Topics: Innovative tillage and seeding technologies Advances in fertilization methods and equipment Cutting-edge harvesting technologies Modern tractor technologies and their applications Control and automation systems in agriculture Sustainable agricultural machinery solutions Precision agriculture and smart farming technologies We look forward to your insightful contributions.

Guest Editors

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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

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