

Special Issue

From Planting to Harvesting: The Role of Agricultural Machinery in Crop Cultivation

Message from the Guest Editors

The use of agricultural machinery in crop cultivation is a pivotal component of modern agriculture, defining the way crops are planted, cultivated, and harvested. This mechanized approach to crop production relies on the use of advanced machinery and technology to streamline farming processes, leading to increased efficiency, improved yields, and reduced labor requirements. The adoption of modern methods represents a significant shift from traditional, labor-intensive farming practices to more automated and precise methods. The importance of research and dissemination in the areas of crop mechanization is emphasized. This Special Issue, entitled "From Planting to Harvesting: The Role of Agricultural Machinery in Crop Cultivation", is dedicated to advancing research and knowledge in the field of crop mechanization, with a strong focus on enhancing agricultural production efficiency, sustainability, and innovation. This Issue welcomes interdisciplinary studies from various research domains, encompassing agriculture, engineering, design, modeling, and environmental science.

Guest Editors

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Deadline for manuscript submissions

closed (25 December 2024)



Agriculture

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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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