



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

Guest Editors:

Prof. Dr. Shan Zeng

Key Laboratory of Key
Technology on Agricultural
Machine and Equipment, Ministry
of Education, College of
Engineering, South China
Agricultural University,
Guangzhou 510642, China

Dr. Yu Wang

College of Engineering, South
China Agricultural University,
Guangzhou 510642, China

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Message from the Guest Editors

Dear Colleagues,

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.





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Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
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Message from the Editor-in-Chief

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Agriculture Editorial Office
MDPI, St. Alban-Anlage 66
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