

Special Issue

Agricultural Machinery and Technology for Fruit Tree Management

Message from the Guest Editors

The global production of fruits has been steadily escalating, while simultaneously confronting mounting challenges such as labor scarcity and escalating production costs. Consequently, the mechanization of fruit tree management assumes an increasingly pivotal role. This Special Issue encompasses a topic of utmost relevance, namely, the trend towards standardized smart orchard construction. Its primary focus lies in elucidating the critical facets of fruit tree management, including transportation, weeding, pruning, flower thinning, plant protection, and harvesting. The Issue serves as a platform for sharing the latest advancements in intelligent machinery and technological research, thereby facilitating the exploration of efficacious strategies to enhance the overall management proficiency of fruit trees and orchards. For this reason, it welcomes highly interdisciplinary quality studies from disparate research fields including overall machine design, key components and parts, mechanism and simulation analysis, intelligent technology, and other related fields. We welcome the submission of original research articles and reviews.

Guest Editors

Prof. Dr. Zhen Li

Prof. Dr. Tao Wen

Prof. Dr. Shilei Lyu

Deadline for manuscript submissions

closed (25 June 2024)



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

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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

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