

## Special Issue

# Application of Smart Agricultural Technologies in Mountain Farming Systems

### Message from the Guest Editors

The development of mountain orchards and tea gardens is often hindered by factors such as complex terrain, high labor requirements, and low production efficiency. This Special Issue will focus on the application of smart agricultural technologies in mountain orchards and tea gardens, exploring a wide array of innovative approaches, including harvesting, transportation, growth monitoring, field management, yield estimation, and post-harvest processing. By incorporating cutting-edge technologies such as deep learning, artificial intelligence, computer vision, machine learning, the internet of things, data analytics, automation, and robotics, smart agricultural systems can streamline operations, enabling precise and efficient management in complex terrains and dynamic environments. The aim of this collection is to provide innovative perspectives on advancing the transformation and sustainable development of mountain agriculture. We invite original research articles, reviews, and case studies that showcase the latest advancements and applications of smart agricultural technologies in design, implementation, and practical use within mountain orchards and tea gardens.

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### Guest Editors

Prof. Dr. Weibin Wu

Prof. Dr. Jun Li

Dr. Jiehao Li

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### Deadline for manuscript submissions

20 January 2026



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

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