

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.

Guest Editors

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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.

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