

## Special Issue

# Robotics and Automation in Farming

### Message from the Guest Editors

With the rapid growth of the global population and the increasing demand for food, it has become imperative to adopt technological advancements to improve food production, efficiency, and sustainability. The development of robotics and automation in farming is currently at the forefront of significant research and innovation worldwide. Applications in this field vary, with an emerging focus on robotic systems capable of selectively harvesting crops, controlling pests, diseases, and weeds, monitoring the agricultural environment and crops, autonomously supporting agricultural logistics operations, and accelerating crop selection or phenotyping. In this Special Issue, we welcome contributions on innovative technologies, including precision and digital farming technologies, advanced robotic systems, and the use of automation in agriculture aimed at increasing the productivity, efficiency, and sustainability of farming systems. Submissions that explore the integration of these technologies into existing farming practices, the associated economic and environmental impacts, and case studies demonstrating successful implementation are particularly encouraged.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 May 2025)



## Agronomy

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