

Special Issue

Perception, Decision-Making, and Control of Agricultural Robots

Message from the Guest Editors

The future of agriculture is increasingly closely linked with the application of agricultural robots. As an important part of future productive forces, agricultural robots can not only improve production efficiency and reduce labor costs, but also enhance the quality of agricultural products by precise unmanned operations such as planting, fertilizing, weeding, and harvesting. These technologies will enable robots to adapt to complex field environments, ensuring precise and efficient agricultural production. This Special Issue aims to explore the latest research progress in the field of agricultural robots regarding their perception, decision-making, and control, providing a platform for researchers and practitioners to share their insights and experiences. We look forward to further promoting the development of agricultural robotics with these studies so that they can better contribute to global agricultural production. We warmly welcome contributions from researchers and practitioners sharing their latest innovations and practical experiences in agricultural robots.

Guest Editors

Dr. Jinlin Sun

School of Electrical and Information Engineering, Jiangsu University, Zhenjiang 212013, China

Prof. Dr. Shihong Ding

School of Electrical and Information Engineering, Jiangsu University, Zhenjiang 212013, China

Deadline for manuscript submissions

closed (31 March 2026)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.8



mdpi.com/si/235398

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

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.8



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



About the Journal

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)