

## Special Issue

# Autonomous and Automated Agricultural Machinery: Safety Issues, Focused Applications, and Regulatory Aspects

### Message from the Guest Editors

Research on autonomous vehicles and machinery in agriculture is rapidly evolving, and various legislative and technical approaches are being taken. However, the definition of autonomous or automated vehicles is yet to be established worldwide, as the current standards and regulations do not provide for it. Within this heterogeneous framework, the forthcoming update of the ISO 18497/2018 standard adds to the uncertainty in the field. This Special Issue aims to present innovative scientific articles, reviews, communications, brief reports, case reports, short notes, and technical notes to share the scientific, planning, engineering, regulatory, and legislative trends that are uncertain globally. The developed solutions mainly focus on mechanical weeding and spraying along the crops' rows. Therefore, cutting-edge research is necessary on further autonomous and automated agricultural machinery applications, technical aspects, and regulatory and safety concerns.

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### Guest Editors

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### Deadline for manuscript submissions

closed (25 October 2024)



## Agriculture

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## About the Journal

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*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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