

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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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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