

## Special Issue

# Emerging Technologies in Crop Protection: Advanced Methods and Machinery

### Message from the Guest Editors

This Special Issue focuses on building a community of authors and readers to discuss the latest research experiences, the emerging technologies of advanced methods (agricultural, physical, biological, chemical, plant quarantine, and integrated pest management), and environment-friendly machinery in crop protection. Intelligent crop protection technology is of crucial importance. The emerging technologies for crop protection methods and machinery include but are not limited to intelligent integrated pest management, crop protection UAVs and robots, AI-based crop pest identification, variable-rate technology, smart targeting spraying, and matching technology between crop phenotype customization and crop protection machinery operation, as well as other innovative ideas for strategies and solutions in crop protection. We would like to invite scholars and researchers from around the world to contribute all types of articles, such as original research, reviews, and cutting-edge opinions to create a collection of papers on insightful strategies and innovative technologies for advanced methods and machinery in crop protection.

### Guest Editors

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### Deadline for manuscript submissions

31 January 2026



## Agriculture

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## About the Journal

### 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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### Editor-in-Chief

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