

## Special Issue

# Field Phenotyping for Precise Crop Management

### Message from the Guest Editors

High-throughput field phenotyping has become essential not only in plant breeding but also in agricultural monitoring and decision-making. The literature reports a wide range of phenotyped traits, measured either directly or indirectly, using diverse platforms, sensors, indices, and data-processing tools. This Special Issue aims to address the main challenges and opportunities of the diverse range of applications in field phenotyping. We are particularly interested in contributions that explore whether phenotyping remains a bottleneck in agricultural research, how phenotypic traits relate to genotypic adaptation under different management conditions, and how data integration across time and scale can be achieved. Additionally, we welcome studies focused on managing large volumes of high-resolution data, developing scalable analytical frameworks, and presenting novel data extraction protocols or custom software solutions that enhance the interoperability and reproducibility of phenotyping workflows.

### Guest Editors

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### Deadline for manuscript submissions

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## 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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