

## Special Issue

# Germplasm Development and Usage in Modern Crop Breeding

### Message from the Guest Editor

With fast developments in crop breeding and gene identification in the Big Data era, germplasms have become even more important, which involve different outstanding trait improvements, such as disease resistance, abiotic tolerance, and super quantity and quality. Identifying the super germplasm, developing the super germplasm and identifying the corresponding gene or locus, and developing the linked marker will facilitate the germplasm utilization and breeding program. This Special Issue focuses on germplasm utilization and development, as well as the corresponding trait and gene mapping, validation and identification, and marker development and assessment in the breeding program. This Special Issue will include interdisciplinary studies embracing agriculture within the disciplines of biology, agronomy, and engineering. Research articles will cover a broad range of germplasms from food crops and cash crops to vegetable crops. All types of articles, such as original research, opinions, and reviews, are welcome.

### Guest Editor

Prof. Dr. Liezhao Liu

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### Deadline for manuscript submissions

31 October 2025



## Agriculture

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Impact Factor 3.6  
CiteScore 6.3



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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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