

## Special Issue

# Characterization, Evaluation, and Utilization of Crop Germplasm Resources

### Message from the Guest Editor

Crop germplasm resources, including wild relatives, landrace, traditional varieties, and farmer's varieties, encompass a vast array of genetic variations that serve as the primary gene pool for enhancing crop diversity and genetic improvement. There is an urgent need to prioritize research on investigating, collecting, evaluating, developing and utilizing crop germplasm resources. This Special Issue is to showcase innovative research and comprehensive review articles focusing on global crop genetic resources, encompassing fields such as agronomy, horticulture, Chinese herbal medicine, forage production, and economic forest crops. This Special Issue invites the submission of papers addressing a wide range of relevant topics, including, but not limited to, the characterization of crop germplasm diversity via the application of genomics, phenomics or molecular markers; the evaluation of genetic diversity using various genetic markers; comparative studies on different molecular marker systems for assessing the genetic structure of germplasm or populations; and the development and utilization of novel molecular markers in establishing reference sets or core sets in the germplasm.

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### Guest Editor

Dr. Tao Chen

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### Deadline for manuscript submissions

closed (25 October 2024)



## 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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