



Characterization, Evaluation, and Utilization of Crop Germplasm Resources

Guest Editor:

Dr. Tao Chen

College of Life Science, Sichuan
Agricultural University, Ya'an
625014, China

Deadline for manuscript
submissions:

25 October 2024

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, RePEc, and other databases.

Journal Rank: JCR - Q1 (*Agronomy*) / CiteScore - Q2 (*Plant Science*)

Contact Us

Agriculture Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agriculture
agriculture@mdpi.com
[X@AgricultureMdpi](https://twitter.com/AgricultureMdpi)