



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:

closed (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, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

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

Contact Us

Agriculture Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/agriculture
agriculture@mdpi.com
X@AgricultureMdpi