

## Special Issue

# Germplasm Resources and Genetic Breeding of Legume Forages

### Message from the Guest Editor

Legume forages are a vital component of sustainable agricultural systems, providing high-quality livestock feed and enhancing soil fertility through biological nitrogen fixation. As global agriculture faces challenges such as climate change, land degradation, and increasing demand for food and feed, developing resilient and high-performing forage crops has become increasingly urgent. Germplasm banks play a key role in conserving genetic diversity, which is essential for the development of stress-tolerant, high-yielding, and nutritionally superior legume forage varieties. The integration of genetic diversity from germplasm resources into breeding programs for leguminous forage crops involves applying genetic principles and modern biotechnological tools to enhance desirable traits for agricultural use. This Special Issue focuses on both basic and applied research in the use of germplasm resources for genetic breeding in legume forages. Authors are invited to submit articles on topics including genetic diversity, allele mining, population studies, conservation and utilization of forage genetic resources, and related areas.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 November 2025)



## Agriculture

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### 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.

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### Editor-in-Chief

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