

## 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

30 November 2025



## Agriculture

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### 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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