

Special Issue

Genetic Basis of Crop Selection and Evolution

Message from the Guest Editors

The genetic basis of crops is crucial for the improvement of crop varieties, the improvement of stress resistance, and the adaptation of crops to new environments. In the context of global climate change and population growth, a deeper understanding of the genetic basis of crops can help address major challenges, including global food security and sustainable agricultural development. The purpose of this Special Issue is to explore the genetic basis of crop selection and evolution and investigate the genetic mechanisms of crop variety formation, adaptive evolution, and interaction with the environment. Through comprehensive literature reviews and original research articles, this Special Issue focuses on revealing the critical role of the crop's genetic background in crop biology to promote a deeper understanding of crop growth and development, physiological function, and environmental responses. Research areas that will be covered in this Special Issue include, but are not limited to, genomics, epigenetics, germplasm resource utilization, and genetic improvement strategies.

Guest Editors

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Deadline for manuscript submissions

30 September 2025



Agronomy

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Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/204259

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Editor-in-Chief

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