



## Improvement and Genetic Analysis of Germplasm Resources in Major Crops

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submissions:

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### Message from the Guest Editors

Germplasm resources of major crops have been becoming more and more important in terms of food security. It is not only the core during crop breeding, but also a key factor for crop genetics and biology, which can be used to dissect the genetic mechanism of important traits and feedback to germplasm improvement. Along with the development of technology, including next-generation sequencing and genomics, high-throughput phenotypes and the modified analytical method, significant advancements have enabled us to understand the regulation mechanism of the important traits, such as agronomic traits, biotic and abiotic stress, seed quality and metabolism. Some effective molecular markers have been explored and applied with the aim of achieving germplasm improvement. Meanwhile, the application of genome-wide selection technology accelerated germplasm improvement and breeding. Thus, this journal (*Plants*) organized a Special Issue on “Improvement and Genetic Analysis of Germplasm Resources in Major Crops”, which can provide an excellent platform to present the advancements in germplasm improvement and genetics of important traits in the breeding process.





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## Message from the Editor-in-Chief

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