

## Special Issue

# Genetic Diversity, Conservation, and Innovative Plant Breeding Strategies

### Message from the Guest Editors

Global climate has continuously been changing and will continue to change in the impending future. Erratic and rapid climate change is being recorded worldwide and is adversely impacting agriculture and threatening food security and economy worldwide. The conservation of genetic variation within a species is the key for survivability and adaptation to variable environmental conditions. Genetic variation constitutes the raw material for genetic improvement. Advances in biotechnological tools have facilitated the rapid introgression of transgenes in addition to the creation, analysis, and manipulation of plant genetic variation for developing new improved crop varieties. This Special Issue of *Plants* will focus on recent research progress on the development of a multi-disciplinary approach to traditional plant breeding where plant biotechnology, molecular tools, and their applications would be strategically ideal in developing new improved varieties for sustainable food security and economy. It will address precision agriculture and plant domestication under different environmental conditions, germplasm genetic diversity and conservation, functional genomics, mutagenesis et al.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2022)



## Plants

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### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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