



Genetic Resources for Sustainable Agriculture

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Message from the Guest Editors

Dear Colleagues,

A wide variety of plant genetic resources (PGR) is the basis of food and nutrition security. However, mainstream agriculture currently depends on very little diversity, both in terms of the number of crop species cultivated and diversity within those crops. There is an urgent need to promote the conservation of crop diversity by showing its utility in sustainable agriculture through the development of materials characterized by improved efficiency in nutrients utilizations, yield stability, and resilience to cope with new challenges caused by the actual climate change scenario. The use of technologically advanced methods on PGR will help in achieving a better conservation and use of diversity for sustainable agriculture.

This SI is thus focused on PGR promotion and use in sustainable agriculture, use in breeding for improved sustainability, genetic diversity characterization and conservation.





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