



Plant Genetic Resources: Conservation and Characterization

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Message from the Guest Editor

Dear Colleagues,

This Special Issue of the *International Journal of Plant Biology* is focused on the topic of plant genetic resources and brings a multidisciplinary approach related to the conservation and characterization of plant genetic resources, with articles distributed across different thematic areas and written by authorities on the subject.

The research presented involves ex situ and in vitro conservation in which the species are largely managed outside their natural environments, as well as complementary strategies, such as in situ/on farm conservation, in order to maintain species in their natural environments. In view of the demands of agricultural research, research into cultivated species, wild relatives of cultivated plants and with non-domesticated species of potential importance as genetic resources is addressed in order to expand the genetic base of existing ex situ collections and to suggest new uses for little-known species.

Management methods, morphological and genetic assessments, and DNA sequencing and bioinformatics technologies which accelerate characterization are covered in this Special Issue.

