

Special Issue

Exploiting Plant Genetic Resources to Broaden Crop Adaptation to New Climatic Conditions

Message from the Guest Editors

In recent years, ever-accelerating climate change has made it necessary to create new genetic material with increased adaptability and plasticity in the face of the forthcoming stressful environmental conditions. In this regard, several proposals have been suggested, including conventional and molecular approaches. Plant genetic resources could provide an effective solution to this severe problem. Local populations, landraces, obsolete cultivars, and crop wild relatives are valuable sources of genetic material that could broaden the genetic base and increase cultivated species' adaptability in such conditions. This Special Issue aims to present new approaches to the evaluation and exploitation of plant genetic resources for improving productivity, adaptability, tolerance to stress, and food quality in the face of the challenges of the 21st century.

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