

Special Issue

Genomic Strategies for Genetic Resources Characterization to Face the New Challenges of Wheat Breeding

Message from the Guest Editors

Wheat is one of the most relevant staple crops on earth since it is considered an important source of components that are essential or beneficial for human health.

In recent decades, climate changes have affected wheat production worldwide, raising major concerns for national and international food security. Fortunately, biodiversity significantly contributes to climate change adaptation and mitigation. Therefore, harnessing genetic resources in wheat is useful for developing genotypes resilient to climate change. To date, germplasm collections, including wild relatives and landraces, are a largely untapped source of desirable traits. In addition, recent advances in genomics are boosting the exploitation of the genetic diversity within wild relatives and landraces.

In this Special Issue, we welcome original articles and reviews (a reduced number) dealing with topics related to the use of the genetic resources of wheat to identify and/or develop new cultivars with superior alleles that can better adapt to climate change.

Guest Editors

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