Special Issue

Breeding for Climate Change Adaptation through Tolerance to Abiotic Stresses

Message from the Guest Editor

There is a strong need for research that will address future demands for cultivars with tolerance to climate change (Carena, 2011). Current commercial cultivars are vulnerable to abiotic stresses as they represent a very small sample of the genetic diversity of the species. In addition, these cultivars have become addicted to nutrients and water as they have been bred for performance under high input and high soil moisture conditions. Farm failures due to drought, heat, salinity, and metals, among others, are detrimental to any country's economy while irrigation and nutrient needs affect the environment. Adapting crops and pastures to climate change can deliver sustainable agri-food systems. Manuscripts are expected to provide solutions to develop the next generation of sustainable cultivars.

Guest Editor

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