# Special Issue

# Physiological and Genetic Improvement of Crop Traits in Enhancing Crop Resilience

## Message from the Guest Editors

Crop improvement has evolved significantly, the integration of physiological insights with genetic advancements has led to more predictable and sustainable crop improvement strategies, ultimately leading to benefits regarding food security and agricultural sustainability. Therefore, in this Special Issue, we would like to foreground scientific research papers that could assist further development sin this complex field of research as follows:Plant breeding aimed at modifying one or more plant traits and exploring beneficial genes from genetic resources/crop germplasm.
Beside conventional breeding and selection methods, the discussion of new trends like digital applications, remote sensing, etc., is also welcome.
Plant physiology, which focuses on improving responses to stresses or adapting to agricultural and industrial requirements.
Genetic transformation and modification, which may affect plant stress responses, hormonal regulation, disease resistance, and yield.
Genes which are regulators of physiological components such as yield and relate to specific processes that help determine crop yield.

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