Special Issue

Physiology of Abiotic Stress Tolerance in Crops at Reproductive Stages and Crop Improvement Strategies

Message from the Guest Editor

This Special Issue covers original research and review articles on yield stability of crops under abiotic stresses, i.e., changing CO2 levels, atmospheric temperature, and rainfall patterns. Major aspects may include, but are not limited to, the following: understanding morphological, physiological, and molecular respones of crop plants to these stress events occurring during their reproductive developmental phases. Furthermore, any breeding efforts to improve crop resistance to abiotic stresses would be encouraged.

Submissions on (but not limited to) the following topics are invited: (1) quantifying the impact of abiotic stress on crops during reproductive growth phases; (2) identification of physiological and morphological traits associate with stress tolerance mechanisms; (3) breeding for abiotic stress tolerance; and (4) utilisation of crop wild relatives for abiotic stress resilience.

Guest Editor

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Deadline for manuscript submissions

closed (15 May 2023)

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