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Physiological and Biochemical Adjustments in Response to Abiotic Stressors Associated with Climate Change

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Message from the Guest Editors

Since the conquest of land, plants have developed an modular defense integrated and network acclimate/adapt to multiple environmental pressures, including an excess of solar irradiance (both PAR and UV wavelengths), scarcity of water and nutrients in the soil and extreme temperatures. As these constraints usually occur concomitantly on both a seasonal and daily basis, plants multi-integrated way, respond а morphological, physiological and biochemical responses to maintain biomass allocation and improve plant fitness. The frequency of severe stress events will increase due to climate change, detrimentally affecting not only profitable growth but also plant survival. Therefore, elucidating the mechanisms at underlying plant stress responses not only represents a compelling research topic but could also have a significant impact on future ecosystem management and agricultural programs. How plants respond to the multiple environmental pressures associated with climate change is the timely topic explored in this Special Issue.













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Message from the Editor-in-Chief

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