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Plant Cell Physiological Responses to Climate and Environmental Change

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Message from the Guest Editor

Dear Colleagues,

Because various interactions between stresses might take place and because there is currently insufficient theory to predict net results, the physiological effects of climate and environmental change are complex. Predictions of plant development and yield can be made from research on cells up to the canopy. Long-term field studies have been crucial in lowering ambiguities about how plants will react physiologically to different environmental conditions in the future. However, in most cases, such studies were not based on measuring the response of plants at the cellular level. In this Special Issue, we focus on understanding the effects of different stressors on various physiological processes from the cell to the plant and canopy, and on examining the cascade of plant responses to such stressors.

Prof. Dr. Hazem Kalaji

Guest Editor



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Special Issue



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