

Special Issue

Environmental Stress on Crops Physiology and Biochemistry

Message from the Guest Editors

In a climate change perspective, high temperature and irradiance, water scarcity, and high CO₂ levels, along with their combined effects, are widely known to reduce crop production. The use of short-/long-term mitigation strategies triggers some physiological tolerance of field crops, which can induce biochemical changes/modulations that result in quality improvement. Nonetheless, field crops, as well as some mitigation strategies, are still under study, which is essential to increase/improve yield and quality in food production in environments with the present conditions. This Special Issue will focus on “Environmental Stress on Crops Physiology and Biochemistry”. We welcome original research, reviews, and opinion pieces covering all associated topics, including physiological response to abiotic stress, biochemical approaches, mitigation strategies against climatic effects on crops, field crops responses to environmental fluctuations, and pre-harvest strategies/management practices to improve plant growth and potential fruit quality.

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