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Plant Ecophysiology and Plant Stress Physiology

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Message from the Guest Editors

Climate change has affected the interactions between plant physiology and environmental variables in most terrestrial ecosystems. Plants respond swiftly to abiotic and biotic stress factors in natural and agricultural habitats, either alone or in combination, through complicated acclimatization processes and long-term adaption tactics. The goal of this Special Issue of *Life* on Plant Ecophysiology and Plant Stress Physiology is to demonstrate the current state of knowledge about plant responses to abiotic stresses, and various features related to the possibility of managing and applying such responses during the growth and development of plants to provide sustainable plant production alternatives. We accept all submissions (original research articles, reviews, opinions, mini-reviews, and perspectives) on the following areas:

- Investigations into the interactions between plants, the environment, and microorganisms ;
- Studies on plant growth and physiological mechanisms in harsh environments;
- Studies on the molecular mechanisms of plant growth regulation and abiotic stress tolerance in order to uncover genes and pathways



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Special Issue



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Message from the Editor-in-Chief

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