

Special Issue

Abiotic Stress Responses and Microbe-Mediated Mitigation in Plants - Volume II

Message from the Guest Editor

This Special Issue addresses plant responses to abiotic stress (e.g., drought, salinity, and extreme temperature) and the mechanisms of plant–microbe–soil interactions under stressful environmental conditions. The issue will highlight the following: (1) recent progress in fundamental research (abiotic stress-induced physiological and biochemical, metabolomic, cellular, and molecular changes in plants); (2) applied experimental studies and emerging biotechnologies that substantially enhance agricultural production and sustainability (e.g., microbe-mediated mitigation in crops). This Special Issue welcomes contributions that dissect the underlying mechanisms of interactions among plants, beneficial microorganisms, and soils. We encourage the submission of manuscripts that focus on abiotic stress-induced molecular, cellular, and physicochemical changes in plants. The following article types are particularly welcome: original research and reviews.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2024)



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Editor-in-Chief

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