# **Special Issue**

# Physiological Mechanisms of Plant Responses to Environmental Stress

## Message from the Guest Editors

Plants are often subjected to various abiotic stresses due to the constantly changing environment. Droughts, floods, extreme temperatures, salinity, and other environmental stressors have been widely reported to cause production losses and even death in plants worldwide. Plants can adapt to environmental changes by altering their morphology and controlling their physiological metabolism. Researchers have made significant advancements in understanding the physiological mechanisms of plant responses to single and combined environmental stresses. This Special Issue aims to present recent advances in the physiological mechanisms of plant responses to environmental stress. In this Special Issue, original research articles and reviews are welcome. Research areas may include but are not limited to the following: Plant adaptation and tolerance to single environmental stress
Physiological mechanisms underlying environmental-stress-induced plant mortality Physiological mechanisms of plant responses to combined environmental stresses Effective approaches to enhance plant tolerance to environmental stress

Balanced mechanisms between plant growth and stress response.

### **Guest Editors**

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### Deadline for manuscript submissions

closed (30 June 2025)



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## Message from the Editor-in-Chief

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#### Editor-in-Chief

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