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Multiple Response Mechanisms of Plants to Drought Stress

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Message from the Guest Editors

Drought stress poses a significant threat to plant growth, development, and agricultural productivity on a global scale. As climate change intensifies, the frequency and severity of drought events are expected to increase, making it imperative to unravel the complex mechanisms underlying plant responses to drought stress. Understanding how plants adapt and cope with limited water availability is vital for the development of effective strategies to enhance their resilience and ensure sustainable food production.

By encompassing these various aspects of plant response to drought stress, this Special Issue aims to advance our knowledge and understanding of plant resilience in the face of drought and global climate change. The findings and strategies discussed in this issue will contribute to the development of innovative approaches and sustainable practices for ensuring food security and ecosystem stability in water-limited environments.



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Special Issue



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Message from the Editor-in-Chief

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