Special Issue

Multiple Response Mechanisms of Plants to Drought Stress

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.

Guest Editors

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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