Special Issue

New Insights of Plants to Combined Stresses

Message from the Guest Editor

The pace at which climate change has accelerated in recent years has been phenomenal, and plants are suffering stress conditions induced by climate change. This is particularly worrisome for crops that humans rely on for food security, but more importantly, climate change is leading to combined changes in several environmental factors, which is resulting in combined stresses. Combined stress can cause synergetic, antagonistic, or equal effects in plants depending on stress intensity, duration, species, genotype, and so on, which make the response of each plant to combined stress unique. Compared with that to individual stress, plants' response to combined stress requires further investigation (i.e., combined abiotic stress or combined biotic and abiotic stress), and therefore, more studies are urgently needed to clarify the response of plants to combined stress, which can produce tolerant regulatory mechanisms and lead to the cultivation of more resilient crops.

Guest Editor

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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.

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