

## Special Issue

# The Impact of Stress Conditions on Crop Quality

### Message from the Guest Editors

Food security and obtaining quality crops are major challenges in the current context of population growth and global climate change. Plant species are increasingly affected by biotic and abiotic stressors, with a direct negative impact on the level of production and its quality. From this point of view, it is essential to better understand the stressors we face, namely the physiological, biochemical, and molecular reactions of plants and the impacts on crop quality, in order to ensure sustainable and long lasting agricultural systems. This Special Issue of *Plants* aims to obtain and provide valuable information about the following: The mode of action of the main stressors (biotic and/or abiotic) acting on plants;

Measures to counteract the effects of stress through physiological mechanisms and/or technological measures;

Assessing the impact of stressors on productivity, especially on crop quality.

We will especially appreciate those manuscripts that provide valuable scientific contributions on the perception and metabolic reaction of plants to pre- and post-harvest stressors and the interactions between them, highlighting the impact on crop quality.

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### Guest Editors

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### Deadline for manuscript submissions

28 February 2026



## Plants

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## About the Journal

### 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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### Editor-in-Chief

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