

Special Issue

Grapevine Response to Abiotic Stress, 2nd Edition

Message from the Guest Editors

Grapevine is one of the most important crops worldwide. Its main product contributes to the wine sector, and is highly significant for the agro-economy. A large proportion of vineyards are located in regions where soil and atmospheric water deficits, as well as high temperatures, place substantial constraints on grapevine vegetative growth, yield, and berry composition. The large genetic diversity of grapevine contributes to a high potential for sensing and acclimation to environmental changes. The present Special Issue aims to bring together knowledge obtained through different disciplines that will help to shed light on the capacity of grapevine to cope with the challenges of climate change in the near future, to assist agronomists and grape growers in choosing the most suitable cultivars, and to improve vineyard management under environmental stress conditions. Furthermore, this Special Issue will help breeders to target the relevant traits to be improved in order to achieve higher stress tolerance while maintaining yield and berry quality.

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.

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