

Special Issue

Effects of Environmental Stress on Fruit Physiology, Growth and Quality

Message from the Guest Editors

Environmental factors such as light, temperature, water, humidity, and nutrition influence plant physiology and are considered very important in determining the growth and quality of fruits. Fruit crops are currently facing new problems due to the different global climate change scenarios. However, it is very difficult to predict and generalize the risks of climate change in growth, development, yield, and quality of fruit species since the physiological responses of plants are often highly complex and multifaceted. The understanding of the effects of environmental stress on growth and quality of fruits is vital to help scientists and farmers to mitigate the effects of environmental stress on fruit crops. This Special Issue will accept papers from a broad scope of interdisciplinary research on impacts of environmental stress on fruit physiology, growth, and quality ranging from basic molecular biology to breeding. Ecological and meteorological studies in this area fall within the scope. Original research papers, methods, reviews, and perspectives are also welcome.

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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