

Special Issue

Plant Cell Physiological Responses to Climate and Environmental Change

Message from the Guest Editor

Because various interactions between stresses might take place and because there is currently insufficient theory to predict net results, the physiological effects of climate and environmental change are complex.

Predictions of plant development and yield can be made from research on cells up to the canopy. Long-term field studies have been crucial in lowering ambiguities about how plants will react physiologically to different environmental conditions in the future. However, in most cases, such studies were not based on measuring the response of plants at the cellular level. In this Special Issue, we focus on understanding the effects of different stressors on various physiological processes from the cell to the plant and canopy, and on examining the cascade of plant responses to such stressors.

Guest Editor

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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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