



Recent Research in Plant Abiotic Stress

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The effects of environmental changes are one of the most interesting research topics in plant science. Abiotic stresses such as drought, high temperatures, salinity, air and soil pollution or mineral deficiency widely influence plant development and crop productivity. These changes induce an increase in free radicals, or reactive chemical species that can cause cell damage. The responses to these changes involve morpho-anatomical, structural, molecular, biochemical and physiological mechanisms, which allow plants to overcome or adapt to stress conditions.

However, the extent to which these changes occur and the pathways involved in plant acclimation remain unknown because the results are sometimes controversial. This Special Issue will accept full or short reviews and research articles from a broad range of interdisciplinary research on plant and crop responses to abiotic stress, ranging from molecular to morpho-anatomical responses, including novel signal transduction molecules and pathways involved during plant acclimation.

Dr. Viviana Maresca
Guest Editor





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Message from the Editor-in-Chief

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