



## Plant Physiology under Abiotic Stresses

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Deadline for manuscript  
submissions:

**closed (30 November 2022)**

### Message from the Guest Editor

Abiotic stress includes not only single adversities, i.e., drought, temperature, light, salt, nutrient, heavy metal, but also complex stresses, i.e., karst environment, saline–alkali soil, wetland environment. Abiotic stresses strongly affect many aspects of plant substance and energy metabolism. Meanwhile, abiotic stress not only affects the physiological processes of photosynthesis, water metabolism, and inorganic nutrient absorption, but also influences the electrophysiology and other physical parameters of plants.

Therefore, their gene expression, electrophysiology, leaf mechanics, and carbon and nitrogen assimilation will respond and change correspondingly. The rapid determination of plant physiological information under adversity is meaningful to the real-time regulation of plant growth and development.

This current Special Issue will involve work regarding plants' adaptability to abiotic stresses. Scientists from all over the world are invited to submit original research and review articles that relate to such topics.





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