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Responses of Plants to Environmental Stresses Volume II

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Deadline for manuscript
submissions:

closed (30 October 2023)

Message from the Guest Editors

Dear Colleagues,

Environmental stresses are the greatest constraints for crop production worldwide. These include conditions such as high light, salinity, drought, heat, cold, flooding, heavy metals, ozone, ultraviolet radiation, nutrient deficiencies, and organic and inorganic nanoparticles. An in-depth understanding of the mechanisms that protect plants against stress conditions at different levels of plant organization (i.e., whole-plant, cellular, biochemical, and molecular levels), will help in the application of stress-responsive determinants and in engineering plants with enhanced tolerance to stress.

This Special Issue of *Plants* will highlight the novel aspects of plant responses to environmental abiotic stresses at molecular, biochemical, and cellular levels. Scientists from all over the world are invited to submit original research and review articles on topics related to the mechanisms of stress response, antioxidant metabolism, and plant tolerance to adverse environmental conditions.



mdpi.com/si/77462

Special Issue



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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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