



Stress Biology of Turfgrass

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Message from the Guest Editors

Dear Colleagues,

Turfgrass is widely used for landscaping, sports turf, and ecological restoration. However, environmental stresses including abiotic and biotic stresses decrease turf quality and also increase the costs of turf maintenance. This Special Issue will be focused on physiological, metabolic, and molecular mechanisms of turfgrasses in response to abiotic stresses such as drought, heat, cold, or ionic stress (salt, aluminum, and cadmium), as well as biotic stresses including insects, parasites, viruses, fungi, or bacteria. Transgenic technology and omics studies based on ionomics, metabolomics, proteomics, or transcriptomics are important approaches to reveal adaptive response to abiotic and biotic stresses in turfgrass species. In addition, improved knowledge of turf maintenance and management in the field during environmental stress associated with new technologies and mechanisms will be included.





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Message from the Editor-in-Chief

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