

Special Issue

Advances in Stress Biology of Forage and Turfgrass

Message from the Guest Editors

Forage and turfgrass currently play an important role in agricultural development and environmental protection. Plants are challenged by abiotic stress and biotic stress, such as drought, waterlogging, cold, heat, salinity, shade, and heavy metals, as well as pathogens, pests and weeds. The negative effects of abiotic and biotic stresses bring about changes in plant metabolism, growth, and development, in extreme cases leading to plant death. In this Special Issue, we seek to publish original high-quality research relating to all aspects of stress biology, including studies: 1) providing fundamental insights into the understanding of responses of forage and turfgrass to abiotic and biotic stresses; 2) elucidating mechanisms underlying the resistance or tolerance of forage and turfgrass to abiotic and biotic stresses; 3) using biotechnological and other strategies to improve the resistance/tolerance of forage and turfgrass to abiotic and biotic stresses. Topics studied in this journal include physiology, molecular biology, genomics, microbiology, pathology, gene editing, resistance breeding, biotechnology, and ecology.

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Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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Editor-in-Chief

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