

## Special Issue

# Mechanisms of Environmental Stress Tolerance in Forage and Turfgrass

### Message from the Guest Editor

The growth and development of forage and turf grass are limited by several factors of which abiotic and biotic stresses are among the most damaging. Solutions to increase forage and turfgrass tolerance and minimize the effects of stresses on growth and development have been sought. Many grass traits resulting in increased stress tolerance involve an interplay of several factors, which make them difficult to investigate and modify. Besides, different stress factors may cause osmotic, oxidative and ionic stress, leading to cellular adaptive responses. Exposure to a stress factor can also lead to tolerance against many future abiotic stress events. Significant steps have been taken in understanding the physiology and molecular biology of forage and turf grass stress tolerance, and updates on the latest accomplishments will be provided on this topic. The Special Issue provides a forum for recent advances in understanding the mechanisms of environmental stress tolerance in forage and turfgrass responses to abiotic and biotic stresses, mainly focusing on phenotypic and physiological responses, and by using omics approaches to study abiotic and biotic stress mechanisms.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 October 2022)



## Agronomy

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### Editor-in-Chief

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