Special Issue

Responses and Tolerance to Abiotic Stress in Forage and Turf Grasses

Message from the Guest Editors

Forage crops are plants that are used to provide high nutrition for herbivores, and turf grasses are plants that be used on sports fields, golf courses and home lawns. However, the growth and development of plants are limited by diverse environmental stresses. To cope with adverse conditions, plants have evolved complex adaptive mechanisms. The environmental stress response mechanisms and signal pathways of key genes in plants have been research hotspots in recent years. However, the regulation mechanisms are still largely unknown in forage and turf grasses. This Special Issue aims to highlight impactful research that focuses on revealing the adaptive mechanisms to abiotic stress in forage and turf grasses. This Special Issue will fully embrace disciplinary studies in agriculture that refer to physiology, biochemistry, genetics, and plant–microbe interactions at different levels, i.e., whole plant, cellular, subcellular and molecular levels, of forage and turf grasses. In addition, “omics” studies related to the stress responses of forage and turf grasses, for example, transcriptomics, proteomics, metabolomics, etc., are also welcomed.

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Deadline for manuscript submissions

closed (15 October 2024)

Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 6.3

mdpi.com/si/188723

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

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