Special Issue

Recent Advances in Turfgrass Responses to Abiotic and Biotic Stresses

Message from the Guest Editor

Turfgrass is mown vegetation of grasses, and widely used for the afforestation of gardens and sports grounds. Recently, turfgrass has also been widely used for ecosystem services such as soil improvement, recreation, protection, and carbon sequestration. However, some abiotic and biotic stresses severely limit the growth and crop yield of turfgrass. Different types of abiotic stresses, such as temperature, salinity, heavy metal, and drought, as well as biotic stresses, such as bacteria, viruses, fungi, parasites, insects, and weeds, influence turfgrass growth and development. Thus, turfgrass researchers attach increasing importance to improving turfgrass' main types of abiotic and biotic stress tolerance now. Additionally, new genetic techniques and genome editing methods supply new opportunities and challenges for turfgrass researchers. The aim of this Special Issue is to provide a forum for recent advances in turfgrass responses to abiotic and biotic stresses, particularly involved in genetic improvement and genome editing. Original research articles and concepts for review articles to address major issues are welcome.

Guest Editor

Prof. Dr. Tao Hu

State Key Laboratory of Grassland Agro-Ecosystems, Lanzhou University, Lanzhou 730000, China

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Agronomy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

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Editor-in-Chief

Prof. Dr. Leslie A. Weston
Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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