

Special Issue

Innovations in Turfgrass Management for Enhanced Sustainability and Conservation

Message from the Guest Editors

The management of turfgrass is undergoing significant changes aimed at increasing environmental sustainability. To assess turfgrass sustainability, we must consider its diverse roles across different types, including its uses in sports, ornamentation, and recreational spaces. Each category presents unique demands and environmental impacts, necessitating a comprehensive approach. The management of turfgrass must also address the challenges posed by climate change, necessitating a shift in cultural practices from those traditionally used. Researchers are encouraged to respond to the growing need to limit turfgrass's environmental impact. The upcoming advancements will mainly involve water conservation, precision agriculture, organic fertilizers, integrated pest management, biological weed control, and promoting biodiversity in turf ecosystems. This Special Issue will provide an overview of the most relevant applied turfgrass studies, which focus on developing and spreading sustainable practices for maintaining healthy and attractive turfgrass while minimizing environmental damage.

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