

Special Issue

Turfgrass Simulation for Increased Performance in Changing Climate

Message from the Guest Editors

The ever-increasing population trend poses new challenges to the organization of life in urban spaces. One aspect of these challenges is the organization of green spaces as places of contact with nature for citizens without traveling exurbia, which requires both time and money. Another aspect is the mitigation of progressive environmental pollution on the one hand and the negative impact of the changing climate on the other. Due to global environmental resolutions imposing restrictions on the use of herbicides and fungicides, the amount of water required, and the reduction in shadow costs of carbon, advanced turfgrasses research is fundamental to meet future expectations. *Turfgrass Stimulation towards Increased Performance in a Changing Climate*, which will cover such issues as:

- biological progress in turfgrass breeding
- grass mixture species composition
- lawn care treatments, such as:
 - mowing
 - fertilization; mineral and organic
 - growth modifications
 - chemical and biological protection
- turfgrass species resistance to contamination
- biochemical and physiological bases of tolerance to environmental stresses

Guest Editors

Dr. Krystyna Rybka
Prof. Dr. Grzegorz Żurek
Prof. Dr. Karol Wolski

Deadline for manuscript submissions

closed (15 December 2022)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/113860

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

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

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.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), GEOBASE, PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)