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

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