

Special Issue

Smart Strategies and Machines for Urban Green Areas and Landscape Sustainable Management

Message from the Guest Editors

Smart and sustainable strategies based on the use of innovative machines for urban green areas and landscape management represent a subject of great interest for researchers, policy makers, technicians and common citizens. First challenge on this topic is the achievement of a significant reduction in local exhaust gas emissions and noise pollution, using more appropriate equipment. Furthermore, the use of alternative environment-friendly methods to perform crop protection, weed control and urban waste recycling is increasingly promoted by policy-makers, aiming to avoid potential contaminations and to protect citizens and operators from potential risks for their health. Moreover, innovative technologies and automation aim to improve the effectiveness of operations like irrigation and lawn mowing. In this SI, all contributions regarding smart strategies and machines for sustainable management of green areas and landscape are welcome, including applications in sport fields, municipalities, urban and sub-urban areas. Thus, we invite experts and researchers to contribute with original researches, reviews and opinion pieces covering the topics of this Special Issue.

Guest Editors

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Dr. Michel Pirchio

Deadline for manuscript submissions

closed (30 June 2022)



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Editor-in-Chief

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