The Future of Artificial Intelligence and Sensor Systems in Agriculture

Guest Editors:

Dr. Gerassimos Peteinatos
Department of Agricultural Machinery, Soil and Water Resources Institute, ELGO - DIMITRA, 13561 Athens, Greece

Dr. Hugo Moreno
Centre for Automation and Robotics, CSIC-UPM, Arganda del Rey, 28500 Madrid, Spain

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Message from the Guest Editors

Dear Colleagues,

This upcoming Special Issue of *Plants,* entitled "Future of Artificial Intelligence and Sensor Systems in Agriculture", explores the dynamic intersection between technology and farming practices. In the past few decades, agriculture has undergone a significant transformation, with the introduction of automation, and improvements in both the know-how and the flow of resources within the field. Since 2015, there was a huge expansion of half- and fully autonomous cropping systems, which began to be integrated into practical agriculture. A number of technological advancements have been made in terms of precision farming, sensor systems, and artificial intelligence (AI), enabling better crop management and resource optimization. This SI aims to provide an overview of the subject and showcase potential uses of artificial intelligence and sensor systems to transform agriculture.

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Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

Message from the Editor-in-Chief

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We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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