

Special Issue

Precision Agriculture Technology, Benefits & Application

Message from the Guest Editors

Precision agriculture, also known as "site-specific farming", is an agricultural approach that uses digital technology to optimize agricultural management. Relying on the collection and analysis of detailed data to make informed decisions and improve the efficiency of agricultural practices, precision agriculture aims to maximize crop yields, reduce costs, reduce waste of natural resources, and minimize environmental impacts. Some of the key elements of precision agriculture include: data collection; data analysis; site-specific decision-making; efficient resource use; real-time monitoring; and advanced technologies. Precision agriculture aims to make agriculture more efficient, sustainable, and profitable through the application of advanced technologies and data analysis to enable informed decision making. This is especially important in a world where agricultural production needs to meet growing demands for food, while also being mindful of conserving natural resources and reducing environmental impacts.

Guest Editors

Dr. Fábio Henrique Rojo Baio

Dr. Paulo Eduardo Teodoro

Dr. Larissa Pereira Ribeiro Teodoro

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

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

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