



Advanced Technologies, Techniques and Process for the Sustainable Precision Agriculture

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Message from the Guest Editors

Dear Colleagues,

The agricultural sector must urgently respond to a change in order to optimize resources use, maximize yields and safeguard environment. Industrialized countries promote these strategies through sustainable development goals, the European Green Deal, Farm to Fork Strategy and the promotion of digitization in agriculture. These objectives face a further challenge, namely new ways of managing agricultural production practices are required due to climate change. Precision farming is a strategy that can have environmental, social and economic benefits.

This special issue aims to illustrate the latest precision farming engineering applications, technical and operational process innovations that make it possible to reduce input waste, monitor the evolution of operational performance over time with the consequent adaptation based on the data collected, offer new opportunities for qualitative enhancement of productions and production units. We welcome contributions of engineering applications that promote sustainable precision agriculture through case studies describing tools that digitally collect, store, analyze, and share electronic data.





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Message from the Editor-in-Chief

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