Special Issue

Precision Technologies and Novel Farming Practices to Reduce Chemical Inputs in Agriculture

Message from the Guest Editors

This Special Issue aims at collecting original contributions on recent efforts and advances in i) innovative technologies and techniques for phytosanitary products and fertilizer applications based on precision agriculture principles (e.g., Variable Rate Application technologies for both PPP and fertilizers, canopy characterization, site specific weed control), ii) innovative agricultural practices (e.g., organic farming, integrated crop management) iii) novel products for pest control (e.g., bio-PPP) and organic fertilization (e.g., organo-mineral fertilizers from animal manure, digestate). Advances shall have the final goal of consistently reduce the hazardous chemical inputs promoting biodiversity in a wide range of agronomic scenarios like arable crops, 3D crops, horticultural crops and greenhouse-protected crops. All these technologies, techniques, and practices should also be sustainable from the socio-economic point of view. Furthermore, the sustainability of the agriculture also needs good training programs to transfer all the existing knowledge to stakeholders, first of all farmers and advisers; therefore, contributions on this topic are also welcome.

Guest Editors

Dr. Marco Grella

Prof. Dr. Fabrizio Stefano Gioelli

Dr. Paolo Marucco

Dr. Jordi Llop Casamada

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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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