



Precision Farming and Control of Crop Production

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Message from the Guest Editors

Dear Colleagues,

The industrial agri-food system that has been established over the last fifty years has led to the indiscriminate exploitation and irreversible deterioration of natural resources, incorrectly assumed to be unlimited and inexhaustible. The costs incurred in environmental and social terms as a result of intensive agriculture have been enormous, especially in terms of pollution, loss of biodiversity, soil fertility reduction, and marginal land abandonment, thus creating obvious sustainability issues. Nowadays, a possible response to the negative trend just described is represented by the development of technologies and the implementation of so-called precision agriculture (PA), whose birth dates back to the nineties in the United States, where it continues to have the widest spread and technical and technological evolution. Precision farming requires a cyclical process of data collection in a closed-chain control scheme for crop management and the evaluation of decisions.





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Message from the Editor-in-Chief

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