



## Crop Yield Prediction in Precision Agriculture

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### Message from the Guest Editors

Dear Colleagues,

Crop yield prediction is one of the challenging tasks in agriculture. It plays an essential role in decision making at global, regional, and field levels. The prediction of crop yield is based on soil, meteorological, environmental, and crop parameters. Decision support models are broadly used to extract significant crop features for prediction. Precision agriculture focuses on monitoring (sensing technologies), management information systems, variable rate technologies, and responses to inter- and intravariability in cropping systems. The benefits of precision agriculture involve increasing crop yield and crop quality, while reducing the environmental impact.

This Special Issue aims to discuss various yield prediction methods, the adaptation of big data, and the use of interseason databases from different platforms in crop yield forecast. Studies focused on applications regarding prediction methods, data fusion, and the adaptation of big data are invited for submission.

Prof. Dr. Miklós Neményi

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*Guest Editors*





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