

## Special Issue

# Intelligent Monitoring, Modeling, Optimization and Control in Smart Agriculture

### Message from the Guest Editor

With increasing environmental and economic pressures, agriculture is facing a number of challenges. In particular, pests, diseases and climate change are the most prominent factors affecting crop production.

Henceforth, to achieve the crop production required by an ever-increasing population, there is an urgent need to implement efficient crop production based on new paradigms, integrating automation and intelligent technology. This Special Issue aims to update and refresh the developments, improvements, and applications in monitoring crop growth, modelling cropping systems or crop–environment interaction systems, and controlling cropping equipment or environment parameters. **Website:**

[https://www.mdpi.com/journal/agronomy/special\\_issue/s/monitoring\\_control\\_smart\\_agriculture](https://www.mdpi.com/journal/agronomy/special_issue/s/monitoring_control_smart_agriculture)

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### Guest Editor

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### Deadline for manuscript submissions

closed (10 March 2023)



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### Message from the Editor-in-Chief

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### Editor-in-Chief

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