Special Issue

Monitoring and Forecasting Techniques in Fruit and Vegetable Production

Message from the Guest Editors

To optimise agronomic inputs and resilience, reduce the impact from stresses and disasters and improve yield/quality and production efficiency, this Special Issue aims at highlighting state-of-the-art monitoring and forecasting techniques in fruit and vegetable production. This Special Issue invites contributions on (i) innovative monitoring techniques in fruit and vegetable production; (ii) novel forecasting modeling methodologies on yield, quality and disasters; and (iii) literature reviews or applications of monitoring and forecasting techniques. Submissions are expected to cover a broad range of topics which may include, but are not limited to, the following:

- Monitoring of growing status with remote sensing and WSNs;
- Monitoring of stresses in fruit and vegetable production;
- Open area (e.g., orchards) and indoor (e.g., greenhouse) monitoring techniques;
- Monitoring techniques associated with spectral and imaging analysis;
- Fusion of multiple sources of data in monitoring and forecasting;
- Forecasting models of yield, quality, diseases and pests and meteorological disasters;
- Theories and models for forecasting tasks;
- Novel data processing techniques in forecasting.

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