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Monitoring and Forecasting Techniques in Fruit and Vegetable Production

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Deadline for manuscript submissions:
closed (20 June 2022)

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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Message from the Editor-in-Chief

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