

Special Issue

In-Field Estimation of Fruit Quality and Quantity

Message from the Guest Editor

Dear colleagues, Advances in machine vision, image processing, spectroscopy and other technologies are allowing in field assessment of various fruit crop attributes. This includes estimation of optimum harvest timing through use of remote temperature monitoring technologies, automated assessment of flowering stage and level, near infra red spectroscopic assessment of fruit attributes, fruit detection, counting and sizing. Effectively there is a shift in technology from use in the controlled environment of the packhouse to use in the uncontrolled field environment of the orchard. These tools can inform farm management decisions on crop agronomy, harvest timing, harvest resourcing (labour and materials) and marketing. A call is open for original papers which address the development or application of such technologies in the application of fruit quality and quantity, with extension to the use of these technologies in automation of fruit harvest.

Guest Editor

Prof. Dr. Kerry Brian Walsh

School of Health, Medical and Applied Sciences, Central Queensland University, Rockhampton, QLD, Australia

Deadline for manuscript submissions

closed (31 March 2021)



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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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