



Nondestructive Sensing Techniques and Intelligence Systems for Agricultural Product Detection

Guest Editors:

Dr. Jiangbo Li

Intelligent Equipment Research
Center, Beijing Academy of
Agriculture and Forestry
Sciences, Beijing 100097, China

Dr. Baohua Zhang

College of Artificial Intelligence,
Nanjing Agricultural University,
Nanjing 210095, China

Prof. Dr. Zhiming Guo

School of Food and Biological
Engineering, Jiangsu University,
Zhenjiang 212013, China

Message from the Guest Editors

At present, many intelligent detection and grading systems have been commercial application. However, there are still numerous challenges with robust, high-performance detection and grading of many quality and safety issues. New research needs to be further explored, especially in massive data mining, highly stable model construction, adaptive learning algorithm development, advanced inspection system design, multi-sensing technologies' integrated applications, etc.

This Special Issue covers the latest developments and applications of advanced non-destructive sensing technologies and intelligence systems for quality and safety evaluation of agricultural products, with relevant areas including but not limited to:

1. Assessment of external and internal quality attributes;
2. Safety attribute detection of agricultural products;
3. Development of novel algorithms and models;
4. Spectral and image data processing and analysis methods;
5. Design and development of advanced sensing system;
6. Intelligent sorting systems and robots for agricultural product detection;
7. Multi-sensor fusion and integration applications;
8. Online agricultural product grading and sorting.

Deadline for manuscript
submissions:

closed (20 December 2023)





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Prof. Dr. Les Copeland

Sydney Institute of Agriculture,
School of Life and Environmental
Sciences, The University of
Sydney, Sydney, NSW 2006,
Australia

Message from the Editor-in-Chief

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Agriculture Editorial Office
MDPI, St. Alban-Anlage 66
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