

Special Issue

Sustainable Harvesting: Integrating Pre-Harvest and Post-Harvest Technologies for Crop Production

Message from the Guest Editors

Success in marketing fruit and vegetables is determined by their quality and shelf-life. They are also an important source of bioactive compounds in daily diets. Growing concerns about climate change have increased the focus on sustainable and environmentally friendly agriculture. Some pre-harvest agronomic practices prioritize productivity over quality. Understanding metabolic networks regulating maturity, ripening, and senescence could improve product management. Adopting sustainable practices and regulatory standards is essential to enhance quality, safety, and reduce environmental impact. Additionally, food waste is a global issue occurring throughout the food chain. Managing food quality and safety before and after harvest using sustainable technologies ensures fresh produce maintains its quality, nutritional value, and safety while minimizing environmental impact. This Special Issue aims to gather publications on innovative pre- and postharvest strategies and technologies for crop production.

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