

## Special Issue

# Three-Dimensional (3D) Vision and Sensing Techniques for Biological and Agricultural Applications

### Message from the Guest Editors

Three-dimensional (3D) vision is a powerful and useful extension of regular color cameras. With rapid developments in 3D vision hardware and analysis software algorithms, 3D vision techniques have been widely used in biological and agricultural domains, such as product quality controlling, plant phenotyping, animal behavior monitoring. Meanwhile, 3D vision sensors can be integrated into automation or robotic systems for better environmental perception. The objective of this Special Issue is to collect high state-of-the-art research contributions, tutorials, and position papers that address the broad 3D vision challenges in biological and agricultural applications, which include, but are not limited to, 3D vision system design, conventional- or deep-learning-based RGB-D image/ point cloud data analysis, and in-field or online 3D vision applications. Original papers describing completed and unpublished work that are not currently under review by any other journal, magazine, or conference, are solicited.

### Guest Editors

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### Deadline for manuscript submissions

closed (10 September 2024)



## Sensors

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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