



Computer Vision and Sensor Networks in Agriculture

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Message from the Guest Editors

This Special Issue aims to promote a deeper understanding of major conceptual and technical challenges and to facilitate the spread of recent breakthroughs in sensing, computer vision, data fusion, and integrated sensor networks for smart farming. Topics of interest include but are not limited to the following:

- Computer vision for agricultural automation and robotics;
- Monitoring/decision support systems for crop/livestock management;
- Sensors and computer vision systems for plant phenotyping;
- IoT, big data, and data analytics for smart agriculture;
- IoT-based sensing and computer vision for greenhouses, plant factories, and vertical farms;
- Edge-AI applications for smart farming;
- Edge-Cloud collaborative learning for smart farming;
- AIoT-driven UAV applications for smart farming;
- UAV-based sensing and computer vision for smart farming;





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Message from the Editor-in-Chief

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