Special Issue

Computer Vision and Sensor Networks in Agriculture

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;

Guest Editors

Dr. Azlan Zahid

Dr. Long He

Dr. Md Sultan Mahmud

Deadline for manuscript submissions

closed (15 December 2023)

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Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

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Message from the Editor-in-Chief

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Editor-in-Chief

Prof. Dr. Les Copeland
Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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