



Computer Vision and Deep Learning Technology in Agriculture

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editor

Dear Colleagues,

Agriculture is complex and hard to predict. Computer vision offers us opportunities to better understand agriculture by processing data in a visible manner. Deep learning, which belongs to the machine learning field, is a modern technique for image processing and data analysis, with promising results and great potential. Recent advances in deep learning have significantly promoted computer vision applications in agriculture, providing solutions to many long-lasting challenges.

This Special Issue of *Agronomy* aims to provide coverage of advances in the development and application of computer vision, machine learning, and deep learning techniques for solving problems in agriculture. Papers on new techniques for processing high-resolution images collected with RGB, multispectral and hyperspectral sensors from the air (with UAVs, for instance) or from the ground are also welcome. We encourage you to share your research on state-of-the-art applications of computer vision and deep learning in agriculture and to submit your paper to this Special Issue.

Dr. Juncheng Ma
Guest Editor





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Message from the Editor-in-Chief

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