



Computer Vision and Smart Agriculture

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Message from the Guest Editors

Dear Colleagues,

Agriculture is very complex system, in which various kinds of objects should be observed, such as plants, field environment, field machinery, farm workers, etc. often under uncontrolled situations, to achieve quality control of farm products. To acquire high quality farm products or to efficiently acquire those, automatic measurement of the objects in the field is required, which is called precise agriculture, or smart agriculture. Computer vision, or machine vision, which has become a very powerful tool for observing various objects in agricultural activities, plays important roles in smart agriculture, or precise agriculture. In this special issue, we are looking forward to submissions of practical and sophisticated computer vision methodology for precise agriculture, or smart agriculture, from researchers/developers of related research fields.

The topics are shown in the below, but not limited to those.

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Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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