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Advances of Computer Vision in Precision Agriculture

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Message from the Guest Editors

Crossing image-based data analytics with precision agriculture in both short- and long-range modalities has been proving to be of great usefulness not only to support scientific research in the agricultural sector, but also to provide related professionals with cutting-edge decision support tools for yielding sustainably within farming contexts. Increasingly sophisticated sensors (RGB, hyperspectral, multispectral, etc.) and computer vision algorithms, either supported by classic techniques or artificial intelligence approaches, have been proposed, contributing to the digitalization and modernization of agriculture toward the 4.0 revolution. Aligned with that scope, this Special Issue welcomes original papers focusing on all types of image sensors combined with digital image processing and computer vision algorithms, including those based on deep learning, with relevant and innovative proposals applied to smart farming.



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Special Issue



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Message from the Editor-in-Chief

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