

Special Issue

Applications of Image Processing Technology in Agriculture

Message from the Guest Editors

This Special Issue aims to showcase the latest advancements and research into using image processing technologies within the agricultural sector. It focuses on a broad spectrum of topics, including, but not limited to, the use of computers and electronics in agriculture, computer vision, smart agriculture innovations, agricultural automation and control systems, big data analytics, neural network applications, Internet of Things (IoT) integrations, and the applications of industrial design in agriculture. Additionally, it covers water resource management, irrigation solutions, and energy efficiency improvements. Through a rigorous peer-review process, this Special Issue will gather and publish innovative studies and methodologies that demonstrate how image processing and related technologies can optimize agricultural practices, enhance crop monitoring and management, and contribute to the sustainability and efficiency of the agricultural industry.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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