Special Issue

Application of Image Recognition Processing Technology in Agricultural

Message from the Guest Editors

Computer technologies have been shown to improve agricultural productivity in a number of ways. One technique which is emerging as a useful tool is image processing. This Special Issue wants to explore the most advanced applications using image processing techniques combined with edge computing methodologies to assist researchers and farmers in improving agricultural practices. Image processing has been used to assist with precision agriculture practices, weed and herbicide technologies, monitoring plant growth, plant pest control, and plant nutrition management. Therefore, introducing edge computing capabilities in the field can impact the opportunities to overcome fast or local events such as insect pest movement. This special issue will highlight the challenges of future potential for image processing for different agricultural industry, environmental contexts.

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