Special Issue

Artificial Intelligence and Robotics Systems in Agriculture and Farming

Message from the Guest Editors

In the past few decades, artificial intelligence (AI) technology has enjoyed great popularity in various fields. Within the agricultural field, the introduction of AI has led to significant improvements in agricultural technology and provided some possible solutions for contemporary problems. Moreover, agricultural robotics has advanced significantly in recent years and is the core on which Agriculture 5.0 is based, together with AI. This Special Issue aims to provide an overview of the subject and to showcase potential uses of artificial intelligence and robotics systems to transform agriculture and farming. Both original articles and reviews covering intelligent techniques and applications in agriculture development are welcome. **Keywords:**

- AI-based agriculture
- smart farming
- precision agriculture
- AI and robotics in sustainable agriculture and farming
- agricultural robotics
- automation equipment
- ethics and social dimension of AI and robotics applications in agriculture and farming

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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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