

Special Issue

Automation Strategy Using Machine Learning in Horticultural Crop Cultivation

Message from the Guest Editors

The use of artificial intelligence in agriculture is no longer unfamiliar. In particular, it is being used very actively in the horticulture industry, where smart farm-related studies are progressing very well. However, there is still room for artificial intelligence to play other important roles in many more areas of horticultural crop production. This Special Issue focuses on building automated systems using machine learning for use throughout the entire crop production process, from sowing to harvest, and for cultivating crops within the system to improve crop productivity and quality. This Special Issue will include interdisciplinary studies embracing agriculture with disciplines of biology, computer science, data science, and engineering. Research articles will cover a broad range of crops from vegetables, ornamental plants, and trees. All types of articles, such as original research, opinions, and reviews are welcome.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

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