Special Issue

Machine Learning in Agricultural Informatization

Message from the Guest Editor

Agricultural machine learning is not a mysterious trick or magic, but a set of well-defined models that collect specific data and apply specific algorithms to achieve expected results. Accurate data sensing and processing are basic part of quantitative decision-making in smart agriculture management. Image sensing provides multi-dimensional information for agriculture detection, such as color, visible-near infrared spectroscopy, thermal radiation and 3D representation. Deep learning (DL), a subset of machine learning approaches, emerged, and combined neural networks to extract and represent the high-level features of image. This could help to build reliable predictions of complex and uncertain phenomena in agriculture.

This Special Issue aims to explore the state of the art of the latest advances in the estimation of machine learning in the agricultural field. This will also cover studies that adapt existing algorithms to agriculture information, as well as literature reviews. ***Open for submission:***
www.mdpi.com/journal/applsci/special_issues/machine_learning_agricultural_information

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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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