Special Issue

Applications of Data Analysis in Agriculture

Message from the Guest Editor

The motivation behind this Special Issue is to utilize "Data Analysis for Agriculture" in identifying key challenges that are faced by data analysts in attempting to solve problems faced by agriculture communities, to find potential solutions, and to identify the synergies needed between agriculture experts and data analytics experts. Enabling agricultural decision making using data analytics and machine learning. The topics of interest include but are not limited to the following: All aspects of data analytics technologies;
Architectures for data analytics systems;
Environmental data integration;
Smart farming and its application in data analysis;
Environmental data analysis;
Decision support systems for plant diseases;
Environmental data analysis and knowledge management;
Problems with data analysis in agriculture;
Machine learning in agricultural data analysis;
Deep learning in agricultural data analysis;
Artificial Intelligence in agricultural data analysis;
Remote and proximal sensing;
Multisensor data fusion.

Guest Editor

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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.

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