



Applications of Data Analysis in Agriculture

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Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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