Spatial Analysis of Agricultural Data

Guest Editor:

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Deadline for manuscript submissions:
closed (20 July 2022)

Message from the Guest Editor

Dear Colleagues,

Automation with new technologies, sensors, yield monitors, internet of things (IoT) and drones and robots, as well as the use of GIS methods, artificial intelligence (AI), highly structured mathematical models and Big Data statistical techniques, serves as the basis for a global "Digital Twin". This conceptualization will contribute to the development of site-specific conservation and management practices that will increase the income and global sustainability of agricultural systems. The spatial analysis of agricultural data is a key element in this context.

This Special Issue is intended for a wide and multidisciplinary audience and presents some of the most recent advances and novel approaches in the spatial analysis of agricultural data. This Special Issue is open but not restricted to any of the following areas:

- precision agriculture
- ICT applications
- Internet of Things (IoT)
- GIS applications
- remote sensing
- spatial statistics
- geospatial artificial intelligence
- clustering
- spatial prediction

Special Issue

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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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