Special Issue

Multi-Objective Optimization Applied to Modern Agriculture

Message from the Guest Editors

This Special Issue on “Multiobjective Optimization Applied to Modern Architecture” is aimed at presenting recent advances in the application of multiobjective optimization to modern agriculture. Concretely, the main focus is to address practical problems in the domains of fields related to precision agriculture (farming management based on observing, measuring and responding to inter and intrafield variability in crops), and agritech (use of technology in agriculture, horticulture, and aquaculture). We are particularly interested in studies and developments which can offer new insights and tools, leading to fostering the adoption of modern techniques in real settings. Topics of interest include but are not limited to the following areas:

- Surveys of multi-objective algorithms in modern agriculture;
- Practical applications of multiobjective optimization: land allocation, water resources, crop planning, environment, price forecasting, IoT based smart agriculture, etc.;
- Software tools;
- Decision-making support;
- Visualization;
- Benchmarking.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2020)

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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.

Editor-in-Chief

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