Special Issue

Precision Agriculture for Sustainability

Message from the Guest Editor

There is general consensus among the scientific community that the challenge of feeding a growing population in a resource-limited world must be addressed by developing new set of tools applicable to agriculture (GNSS technology, sensors, UAVs, software, actuator and controllers). Smart farming can make agriculture more profitable for the farmer. Decreasing resource inputs will save the farmer money and labor, and increased reliability of spatially explicit data will reduce risks. Please share your success stories from research in precision agriculture around the world in this Special Issue. Submissions on the following topics (but not limited to) are invited: 1) hyperspectral imagery for mapping plant health and crop yield; 2) agricultural robots; 3) farm management information systems; 4) automated irrigation scheduling; 5) crop stress monitoring; 6) high-throughput plant phenotyping; 7) agricultural machine learning; 8) precision for weed control; 9) sensors and drones in agriculture; and 10) economic analysis of the efficiency and sustainability

Guest Editor

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Deadline for manuscript submissions

closed (1 August 2020)

Agronomy

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Message from the Editor-in-Chief

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