

Special Issue

Advanced Technologies in Precision Processing and Modeling in Agriculture

Message from the Guest Editor

Subjects advisory to the participants in proposed special issue ☒ Evaluation and management of crop production by remote sensing.

Comparison of models for crop and biomass production.

Optimization models for crop production.

Remote sensing for assistance and completion of data to run models.

Phones and Steel Cameras Tractors , Drones ultralight aircraft and satellites.

Target group of growers for precision agriculture:

Owners of small, medium and large farmers.

A precision agricultural economy Increasing the yield of viable prices.

Optics

Wavelengths: RGB belt multi-spectral and hyper-spectral cameras.

Resolution , Pixel size and relation to field sizes

Orchards VS Field Crops.

Optimizing the use of water.

Optimizing the use of fertilizer.

Optimization and management of crops production with the help of precise agriculture.

Protection of natural vegetation

Protection of agricultural crops from diseases and pests

Prevention of excess fertilization transport to groundwater table

Public Health: Prevention of pesticides transport to populated areas

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2023)



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Editor-in-Chief

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