Special Issue

Remote Sensing for Enhanced Agricultural Crop Management

Message from the Guest Editors

The aim of this Special Issue is to showcase recent advances in remote sensing technologies and tools for improving crop monitoring, resource management, and decision-making in agricultural systems under current and future challenges. The scope covers remote sensing platforms, sensors, and applications across crops. We encourage original research, reviews, and perspectives on innovative approaches to improving agricultural management, including but not limited to:
-Innovative applications of remote sensing for agricultural monitoring and management.
-The application of remote sensing in precision farming.
-Comparative assessments of satellite and UAV data for agricultural decision-making.
-Multitemporal analysis for change detection in agricultural areas.
-The evaluation of image processing techniques for the identification of biotic and abiotic stress.
-The use of remote sensing data combined with artificial intelligence for decision-making or automatic classification in precision agriculture.
-Point cloud-based solutions for fruit tree management.
-The integration of remote sensing with proximal sensing tools for enhanced agronomic GIS.

Guest Editors

Dr. Pedro V. Mauri

Agro-Environmental Research Area, Madrid Institute for Rural, Agricultural, and Food Research and Development (IMIDRA), El Encín, A-2 Highway, Km. 38.200, Alcalá de Henares, 28805 Madrid, Spain

Dr. Lorena Parra

Departamento de Produccion Agraria, Escuela Técnica Superior de Ingeniería Agronómica, Alimentaria y de Biosistemas, Universidad Politecnica de Madrid, Avenida Puerta de Hierro, 4, 28040 Madrid, Spain

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AgriEngineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriengineering@mdpi.com

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Dr. Mathew G. Pelletier
Retired Scientist from Agricultural Research Service, United States Department of Agriculture, Lubbock, TX, USA

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