Special Issue

Precision Farming: GIS and Remote Sensing for Crop Management Optimization

Message from the Guest Editors

Dear colleagues,

The advancement of technologies for the development of systems and the interpretation of information on geographic representation and remote sensing has allowed for progress in understanding soil and vegetation conditions, enabling the rational management of productive areas and the optimization of agricultural production. In this perspective, this special edition, entitled “Precision Farming: GIS and Remote Sensing for Crop Management Optimization”, seeks to bring together studies that highlight the strategic role of computational tools for capturing, processing, and interpreting agricultural data in improving sustainable and intelligent practices aimed at better land use in agricultural practice. In this Special Issue, the journal reaffirms its commitment to promoting the dissemination of scientific and technological knowledge focused on precision agriculture, and it is expected that the articles will inspire new research and collaborations, strengthening the role of GIS and remote sensing for crop management optimization.

Guest Editors

Prof. Dr. Cláudio Leones Bazzi
Prof. Dr. Kelyn Schenatto
Prof. Dr. Ricardo Sobjak

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Message from the Editor-in-Chief

AgriEngineering (ISSN 2624-7402) is an international open access, open-source, and cross-disciplinary scientific journal on the engineering science of agricultural and horticultural production. Our aim is to encourage scientists to publish their experimental and theoretical research, along with the full set of schematics, source-code, and mechanical design models leading to accelerated and rapid dissemination of leading-edge technologies emerging in agricultural, environmental, and agronomic engineering. *AgriEngineering* publishes articles, technical notes, reviews, commentaries, and case/field reports, as well as Special Issues on particular subjects.

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