



GIS Support for Climate-Smart Agriculture

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Message from the Guest Editors

The Geographic Information Systems (GIS) become very useful tools in agriculture to store and handle in-field variability. They support farmers as they apply appropriate management of resources and accurate adoption of agricultural practices in the field. This determines an increase of crop production and reduction of farm operational costs, ensuring an agricultural sustainability under climate change scenarios.

The Special Issue is to collect original research articles and review papers concerning the use of GIS to support agromanagement practices for an improved agriculture sustainability. We encourage authors to explore the use of GIS as smart-precision farming techniques to reduce external inputs or increase their effectiveness regarding spatial crop monitoring and production (intra- and inter-crop variability). We also encourage authors to present new approaches for smart agricultural techniques and to develop strategies (or products) able to contribute to climate change mitigation and preserving agricultural sustainability, food security, and farmers' income.





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