



GIS Support for Climate-Smart Agriculture

Guest Editors:

Dr. Camilla Dibari

Department of Agricultural
Sciences and Technologies,
University of Florence, DAGRI,
1850144 Florence, Italy

Dr. Sergi Costafreda-Aumedes

Department of AGRiculture, food,
environment and forestry -
University of Florence
(DAGRI) Piazzale delle Cascine, 18

Deadline for manuscript
submissions:

closed (30 October 2021)

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 agro-management 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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Peter Langridge

School of Agriculture, Food and
Wine, University of Adelaide,
Urrbrae, SA 5064, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Agronomy*) / CiteScore - Q1 (*Agronomy and Crop Science*)

Contact Us

Agronomy Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi