



## Advanced Technologies, Techniques and Process for the Sustainable Precision Agriculture

Guest Editors:

**Prof. Dr. Daniele Sarri**

**Prof. Dr. Marco Vieri**

**Prof. Dr. Gabriel Araújo e Silva  
Ferraz**

**Dr. Marco Sozzi**

Deadline for manuscript  
submissions:

**closed (13 September 2023)**

### Message from the Guest Editors

Dear Colleagues,

The agricultural sector must urgently respond to a change in order to optimize resources use, maximize yields and safeguard environment. Industrialized countries promote these strategies through sustainable development goals, the European Green Deal, Farm to Fork Strategy and the promotion of digitization in agriculture. These objectives face a further challenge, namely new ways of managing agricultural production practices are required due to climate change. Precision farming is a strategy that can have environmental, social and economic benefits.

This special issue aims to illustrate the latest precision farming engineering applications, technical and operational process innovations that make it possible to reduce input waste, monitor the evolution of operational performance over time with the consequent adaptation based on the data collected, offer new opportunities for qualitative enhancement of productions and production units. We welcome contributions of engineering applications that promote sustainable precision agriculture through case studies describing tools that digitally collect, store, analyze, and share electronic data.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Marc A. Rosen**

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

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

**High Visibility:** indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
X@Sus\_MDPI