



## Smart Farming: Monitoring Sensor Data

Guest Editors:

**Prof. Dr. Francisco Javier  
Zaragoza-Soria**

Aragon Institute for Engineering  
Research, Universidad de  
Zaragoza, Mária de Luna 1, 50018  
Zaragoza, Spain

**Dr. Sergio Trilles Oliver**

Institute of New Imaging  
Technologies (INIT), Universitat  
Jaume I, Av. Vicente Sos Baynat  
s/n, 12071 Castelló de la Plana,  
Spain

Deadline for manuscript  
submissions:

**closed (31 July 2019)**

### Message from the Guest Editors

During the last decade, a new movement to implant digital technology into agriculture was born, which is known as precision agriculture. It aims to optimize the yield per unit of farming land by using ICT tools and technologies. The objective of precision agriculture is to achieve the best products concerning quality, quantity and economic conditions. Traditionally, precision agriculture makes use of sensors to monitor environmental conditions. To attain this objective, networks of these sensors are created to cover larger areas. Precision agriculture is not only attached to deploying on-site sensors but involving many areas related to robotics, computer science, and remote sensing.

This Special Issue will collect contributions on new ICT approaches in the area of precision agriculture (or smart farming) including wireless sensor networks, Internet of Things, smartphones, big data; information infrastructures, open data, location base services, agriculture knowledge models and decision support systems, sensors for agriculture, and geostatistical analysis.





*data*



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Jamal Jokar  
Arsanjani**

Geographic Information Science,  
Department of Planning and  
Development, Aalborg University  
Copenhagen, A.C. Meyers Vænge  
15, DK-2450 Copenhagen,  
Denmark

## Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

## Author Benefits

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

**High Visibility:** indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, Inspec, RePEc, and other databases.

**Journal Rank:** JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q2 (Information Systems and Management)

## Contact Us

---

Data Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/data](http://mdpi.com/journal/data)  
[data@mdpi.com](mailto:data@mdpi.com)  
[X@Data\\_MDPI](https://twitter.com/Data_MDPI)