



## Advances in Agriculture 4.0

Guest Editors:

### Dr. Spyros Panagiotakis

Department of Electrical and  
Computer Engineering, Hellenic  
Mediterranean University, 70013  
Heraklion, Greece

### Dr. Michael Sfakiotakis

Department of Electrical &  
Computer Engineering, Hellenic  
Mediterranean University, 71410  
Heraklion, Greece

### Dr. Ioannis N. Daliakopoulos

Department of Agriculture,  
Hellenic Mediterranean  
University, 71410 Heraklion,  
Greece

Deadline for manuscript  
submissions:

**closed (20 July 2023)**

### Message from the Guest Editors

The goal of this Special Issue is to disseminate high-quality, state-of-the-art research papers that deal with challenging issues in Agriculture 4.0. Topics of interest include, but are not limited to, modeling and applied approaches, at various scales (from lab to field and global), including engineering aspects and agronomical impact of the following:

- Advances in sensors technologies for Agriculture 4.0;
- Advances in communications and networking for Agriculture 4.0;
- Advances in autonomous robotic systems and unmanned aerial vehicles for Agriculture 4.0;
- Blockchain technologies for Agriculture 4.0;
- Food traceability and supply chain management for Agriculture 4.0;
- Low-power and energy-efficient Agriculture 4.0;
- Advances in machine vision for Agriculture 4.0;
- Cloud/fog/edge/extreme edge computing for Agriculture 4.0;
- Sensor and data fusion for Agriculture 4.0;
- Advances in profiling and human-computer interfaces for Agriculture 4.0;
- Machine learning and computational intelligence for Agriculture 4.0;
- Decision support systems for Agriculture 4.0;
- Data analytics for Agriculture 4.0;





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Gianluigi Ferrari

Department of Engineering and  
Architecture, University of Parma,  
Parco Area delle Scienze, 181/A,  
43124 Parma, Italy

## Message from the Editor-in-Chief

*Future Internet* is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

## 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, and other databases.

**Journal Rank:** JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Computer Networks and Communications)

## Contact Us

---

*Future Internet* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/futureinternet](http://mdpi.com/journal/futureinternet)  
[futureinternet@mdpi.com](mailto:futureinternet@mdpi.com)  
[X@FutureInternet6](https://twitter.com/FutureInternet6)