

## Special Issue

# Digital Transformation of Agriculture and Rural Areas- Second Volume

### Message from the Guest Editors

Dear Colleagues:

The aim of this Special Issue is to highlight how digital technologies could make a significant contribution to the transformation of agriculture and rural areas in order to achieve sustainability. The potential topics include, but are not limited to:

- Digital transformation of agriculture;
- Information systems in agriculture;
- Electronic and mobile services in agriculture
- Cloud computing;
- Machine learning;
- Artificial intelligence;
- Smart mobile devices;
- Mobile applications (apps);
- Agricultural data, data analysis, and data design;
- IoT in agriculture;
- Agricultural modelling;
- Information processing and management;
- Software engineering;
- Blockchain for the agricultural sector;
- Agricultural traceability and food safety;
- Decision support systems;
- Precision farming;
- Simulation and optimization of agricultural systems.

Sotirios Karetzos

---

### Guest Editors

Dr. Sotiris Karetzos

Prof. Dr. Constantina Costopoulou

Dr. Maria Ntaliani

Dr. Konstantinos Demestichas

---

### Deadline for manuscript submissions

closed (31 December 2025)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/206117](https://mdpi.com/si/206117)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



# About the Journal

## 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

---

## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

---

## 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, RePEc, CAPlus / SciFinder, and other databases.

### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)