

## Special Issue

# The Nexus between Information and Communication Technologies (ICT) and Sustainability: The Current Digital Bet

### Message from the Guest Editors

This Special Issue aims at clarifying how ICT may be leveraged for enhancing the sustainability of firms and society from heterogeneous perspectives, such as environmental, financial, social, and political. Furthermore, by considering a technological standpoint, it purports to explore how to assess, analyze, and improve the sustainability of the ICT solutions, and of further digital developments. Thereby, it investigates the "Sustainability by ICT" and "Sustainability in ICT" concepts, potentially integrating the corresponding scientific literature streams. Topics of interest include, but are not limited, to the following:

- Sustainability of energy-intensive ICT, such as distributed ledger technologies and Blockchain (including cryptocurrencies);
- Sustainable supply chain management (SSCM) supported by advanced digital technologies;
- ICT in sustainable smart ecosystems (g., smart cities);
- Sustainability and Industry 4.0 digital technologies.

---

### Guest Editors

Prof. Dr. Davide Aloini

Dr. Alessandro Stefanini

Dr. Pierluigi Zerbino

---

### Deadline for manuscript submissions

closed (30 September 2021)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/56047](https://mdpi.com/si/56047)

*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. *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.

---

### 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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

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