

## Special Issue

# Recent Trends in Applications of Computer Vision in the Development of a Sustainable Environment

### Message from the Guest Editors

The key feature of this Special Issue is to incorporate various profound technical aspects of computer vision for the achievement of sustainable development. Computer vision uses a camera and computer instead of the human eye to identify, track, and measure targets for further image processing, with the emergence of artificial intelligence having great potential for seeing, classifying, and processing visual data. The evolution of computer vision dramatically impacts the environment, society, and economy, and is considered a core sustainability issue. This also highlights the functionality and importance of green data, IoT, and blockchain in computer vision. This Special Issue aims to attract many eminent scholars, researchers, and scientists to work in a field of such high interest, integrating different technologies, such as blockchain, IoT, big data, cloud computing, deep learning, machine learning, and smart grid for this computer-vision-assisted sustainable development. Dr. Nawab Muhammad Faseeh Qureshi

---

### Guest Editors

Prof. Dr. Paramartha Dutta  
Dr. Kousik Dasgupta  
Dr. Sourav Banerjee

---

### Deadline for manuscript submissions

closed (30 September 2023)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/145861](https://mdpi.com/si/145861)

*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)