Special Issue

Latest Applications of Computer Vision and Machine Learning Techniques for Smart Sustainability

Message from the Guest Editors

The most recent computer vision and machine learning techniques can be applied to deliver smart solutions to various sustainability issues related to environment, agriculture, energy, transportation, waste management, urban planning, among others. In this Special Issue, original research articles and reviews in CVML for smart sustainability are welcomed. Research areas may include (but not limited to) the following:

- Environmental issues: promoting sustainable food systems, limiting water pollution, and enhancing air quality, etc.
- Agricultural issues: crop health analysis, pest and disease detection, and irrigation systems, etc.
- Energy issues: reducing energy consumption, detecting energy losses, and predicting its demand, etc.
- Transportation issues: traffic management, improving services, reducing emissions, and vehicle management, etc.
- Waste management: improving waste collection, detecting and sorting recyclable materials, and reducing waste contamination, etc.
- Urban planning: analyzing urban landscapes, forecasting urban expansion, issues regarding smart cities, deployment, optimizing land usage, etc.
- Any related sustainability issues.

Guest Editors

Prof. Dr. Ahmad Hassanat

Dr. Sami Mnasri

Dr. Ahmad S. Tarawneh

Deadline for manuscript submissions

closed (24 October 2023)

Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7

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)