



Applications of Machine Learning and Big Data Analytics for Environmental Sustainability

Guest Editors:

Dr. Saqib Iqbal Hakak

Canadian Institute for
Cybersecurity, Faculty of
Computer Science, University of
New Brunswick, Fredericton, NB
E3B 5A3, Canada

Dr. Thippa Reddy Gadekallu

School of Information
Technology and Engineering,
Vellore Institute of Technology,
Vellore, Tamil Nadu 632014, India

Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editors

The aim of this Special Issue is to solicit state-of-the-art research on current environmental issues. Experimental results, survey/review papers and case studies are also accepted. Potential topics of this Special Issue include, but are not limited to, applications of machine learning and big data with big data for a sustainable environment, such as:

- Weather forecasting;
- Disaster management;
- Precision agriculture;
- Water management;
- Industrial wastewater management;
- Federated learning for environmental monitoring;
- Blockchain for environmental monitoring;
- Pollution control;
- Unmanned aerial communication-based environmental monitoring.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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.

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

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
X@Sus_MDPI