



Edge Artificial Intelligence in Future Sustainable Computing Systems

Guest Editors:

Prof. Dr. Arun Kumar Sangaiah

Dr. Xi Zheng

Dr. Changqing Luo

Dr. Shuihua Wang

Dr. Ankit Chaudhary

Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

Recently, we have been witnessing more works being published on sustainable computing that include bio-energy efficiency, natural resources preservation, and emphasize the role of AI in achieving system design and operation objectives. The uses of edge AI techniques for intelligent decision support being exploited to create effective computing systems.

Various businesses have started incorporating AI systems in their work. All these together have opened doors to boundless opportunities for innovative research and ideas in the field of Edge computing and AI with sustainable computing. The aim of this Special Issue is to cover all the latest developments and progress made in the field of AI and edge Computing, ranging over a variety of topics of sustainable computing and other related domains. Each contribution should describe in detail the use of artificial intelligence/smart computing/evolutionary computing in the field of edge industrial with sustainable computing and Internet of Things (IoT) application areas.

Prof. Dr. Arun Kumar Sangaiah

Dr. Xi Zheng

Dr. Changqing Luo

Dr. Shuihua Wang

Dr. Ankit Chaudhary

Guest Editors





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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)