



## Edge Artificial Intelligence in Future Sustainable Computing Systems

Guest Editors:

**Prof. Dr. Arun Kumar Sangaiah**

arunkumarsangaiah@gmail.com

**Dr. Xi Zheng**

james.zheng@mq.edu.au

**Dr. Changqing Luo**

cluo@vcu.edu

**Dr. Shuihua Wang**

sw546@le.ac.uk

**Dr. Ankit Chaudhary**

chaudharya@missouri.edu

Deadline for manuscript  
submissions:

**1 December 2021**

### 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. 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.

## 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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

**Journal Rank:** [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

## Contact Us

---

*Sustainability*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[@Sus\\_MDPI](https://twitter.com/Sus_MDPI)