



Sustainable Application of Internet of Things and Artificial Intelligence

Guest Editors:

Dr. Amrit Mukherjee

Institute of Applied Informatics,
Department of Computer
Science, University of South
Bohemia, České Budějovice,
Czech Republic

Dr. Ranjay Hazra

Department of Electronics and
Instrumentation Engineering,
National Institute of Technology
(NIT) Silchar, Silchar 788010,
Assam, India

Dr. Rudolf Vohnout

Department of Computer
Science, Faculty of Science,
University of South Bohemia in
České Budejovice, Branisovska
1760, CZ-37005 České
Budejovice, Czech Republic

Message from the Guest Editors

Sustainable Application of Internet of Things (IoT) and Artificial Intelligence. The special issue aims to design and implement various research outcomes, architectures and other sustainable Internet of Things (IoT) applications fused with Artificial Intelligence (AI). The demands for communication and computation technologies are increasing every day, which thrusts the use of sustainable AI in various applications. As we know, the smart city, environmental, military, medical, industrial, agriculture, healthcare and home networks, the role of IoT is trusted and improvised to make the application secure, green and sustainable. By involving AI in these parameters, the tools, platforms and systems are one step closer to ubiquitous and sustainable IoT applications. Existing research on sensor networks and intelligent transportation uses green AI-based routing and IoT [1, 2]. As there is a constant demand for sustainable IoT and AI with most smart applications, the special issue encourages potential architectures, tools, platforms, systems and results for submission.

Deadline for manuscript
submissions:

30 November 2024





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](https://twitter.com/Sus_MDPI)