



Application of Artificial Intelligence for Sustainable Development

Guest Editors:

Dr. Surbhi Bhatia

Department of Information
Systems, College of Computer
Science and Information
Technology, King Faisal
University, al Hasa, Saudi Arabia

Dr. M.K. Nallakaruppan

School of Information
Technology and Engineering,
Vellore Institute of Technology,
Velloren 632014, India

Prof. Dr. Jose Santamaria

Department of Computer
Science, University of Jaén, 23071
Jaén, Spain

Deadline for manuscript
submissions:

closed (25 December 2023)

Message from the Guest Editors

This Special Issue focuses mainly on the challenges, opportunities, threats and future directions regarding sustainable development around the world. The evolution of standards, such as Industry 5.0 or Society 5.0 automation, mean that artificial intelligence and humans can be living in parallel universes. These standards are human-centric, and these technologies are used to provide sustainable development in human life. This issue welcomes both research and review article that provide solutions regarding how artificial intelligence can help solve the challenges faced by sustainability. This Issue mainly focuses on papers related to how artificial intelligent can enhance and support human life. Papers regarding the following topics are welcomed, but are not limited to these:

- Industry 5.0 and AI;
- Deep learning models for human life support;
- Evolution of XAI in commercial and medical applications;
- Federated learning for education and global e-learning;
- Forest wealth protection using artificial intelligence;
- Metaverse application for human-centric solutions;
- AI for medication;
- AI for water resource management;
- AI for waste recycle and management.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and
Software Engineering, University
of Wollongong, Northfields
Avenue, Wollongong, NSW 2522,
Australia

Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

Information is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compendex](#), [dblp](#), and [other databases](#).

Journal Rank: CiteScore - Q2 (*Information Systems*)

Contact Us

Information Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/information
information@mdpi.com
[X@InformationMDPI](#)