





an Open Access Journal by MDPI

The Impact of Artificial Intelligence and Machine Learning on Sustainability for Complex Processes

Guest Editors:

Dr. Alex Shenfield

Department of Engineering and Mathematics, Sheffield Hallam University, Sheffield, UK

Prof. Dr. Marcos Rodrigues

GMPR-Geometric Modelling & Pattern Recognition Group, Sheffield Hallam University, Sheffield, UK

Dr. Bernardi Pranggono

School of Computing and Information Science, Anglia Ruskin University, Cambridge, UK

Deadline for manuscript submissions:

31 December 2024

Message from the Guest Editors

This Special Issue focuses on the issues around artificial intelligence and machine learning in sustainability. Topics of interest for publication include but are not limited to the following:

- Artificial intelligence applied to smart grid systems (e.g., expert systems, evolutionary computing, neural networks);
- Artificial intelligence for the analysis and prediction of pollution;
- Intelligent systems/artificial intelligence for enabling low-carbon industries;
- Autonomous systems for sustainability;
- Green artificial intelligence;
- Data issues (such as federated data sharing, deduplication, data privacy, and ethical concerns)











an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

Author Benefits

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

High Visibility: indexed within Scopus,

SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous*))

Contact Us