

Special Issue

Advances in Artificial Intelligence and Machine Learning in Sustainable Chemistry

Message from the Guest Editors

Advances in chemistry play a critical role in providing a wide spectrum of products and services that are sustainable, safe, environmentally friendly, and important. It is pivotal to identify recent trends in sustainable chemistry to be able to remain at the forefront of providing scientists research-based information about these advances. While traditional wet chemistry laboratory work has introduced advances in sustainable chemistry, there has also been increasing research into the utilization of artificial intelligence (AI) in accelerating sustainable chemistry. The scope of this Special Issue is to highlight recent advances in the utilization of AI techniques in sustainable chemistry. The main purpose is to identify recent developments in the use of the aforementioned techniques across all facets of chemistry. We particularly welcome research work leveraging the field of chemical synthesis, analytical method development, and chemical education with AI, signal processing, and variable selection strategies techniques. We also welcome other topics utilizing computational methods in sustainable chemistry.

Guest Editors

Dr. Gerard Dumancas

Dr. Seema Singh

Dr. Lakshmi Viswanath

Dr. Arnold Lubguban

Deadline for manuscript submissions

closed (1 May 2024)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/131579

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

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.

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

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, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)