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 Al, 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)



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

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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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