Advances in Artificial Intelligence and Machine Learning in Sustainable Chemistry

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Deadline for manuscript submissions:
closed (1 May 2024)

Message from the Guest Editors

Dear Colleagues,

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.

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Special Issue

Editor-in-Chief

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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. *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.

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