

Special Issue

Artificial Intelligence and Sustainability

Message from the Guest Editor

Artificial Intelligence (AI) can significantly help to protect our environment and conserve resources by monitoring deforestation, predicting extreme weather conditions, CO₂ removal, and developing greener transportation networks. It is estimated that using AI for environmental applications could significantly help our environment and economy by the mid-century. Articles that present AI techniques to aid in solving environmental challenges and/or improving economy are welcome, as are articles that apply or propose machine learning or deep learning techniques for processing earth observation data and/or ground measurements. We are headed toward a clean energy transition, and our goal is to efficiently use sources of energy that are clean and powerful. Wind, water, solar, and nuclear energy are some of the main clean energy sources to generate electricity, replacing fossil fuels that emit harmful byproducts. Articles describing mathematical models for achieving the best use of clean energy sources are also welcome.

Guest Editor

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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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