Special Issue

Artificial Intelligence Applications for Sustainable Environment

Message from the Guest Editor

AI techniques are beneficial for fulfilling the sustainable development goals accompanied by pollution control and reduction, protection of human health, and climate change mitigation and adaptation.

- AI applications in risk management and assessment related to human health impacts from trace elements, micropollutants, heavy metals, and metalloids;
- AI utilization to manage and control several water engineering and water-quality-associated issues;
- Environmental sustainability and automated monitoring techniques;
- Low-cost and reliable AI-based smart sensors for mitigation of atmospheric pollution;
- AI-based methods for the control of urban noise pollution and health effects;
- Evaluation of AI-based decision support systems for maintaining socio-economic development and environmental conservation;
- Artificial intelligence applications for sustainable solid waste management practices;
- Information storage, annotation, and management related to pollutants in water, air, and subsurface environments, using AI based on a digital data collection framework;
- Overview of hazardous waste management solutions based on IoT and AI;

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2024)

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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.

Editor-in-Chief

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