

Special Issue

Artificial Intelligence (AI)- Enabled Sustainable Practices and Future

Message from the Guest Editors

This Special Issue aims to publish high-quality papers that provide theoretical and practical insights into integrating AI with sustainability efforts and highlight the importance of responsible and impactful AI applications. Methodology developments, literature reviews, policy assessments, applied analyses, and case studies are all welcome on, but not limited to, the following topics:

- AI for environmental vulnerability and exposure assessment;
- AI in renewable energy optimization;
- AI in district energy systems;
- AI-enhanced green buildings and urban development;
- AI for climate change mitigation and adaptation;
- AI in the circular economy and waste management;
- AI-driven sustainable agriculture and food systems;
- AI for water resources management;
- AI-dominated consumer behaviour for sustainability;
- AI-enabled facilities management;
- AI-assisted heating, ventilation, and air conditioning (HVAC) system design optimization;
- AI in sustainable transportation systems.

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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.

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