Artificial Intelligence for Sustainability

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Deadline for manuscript submissions:
closed (30 September 2020)

Message from the Guest Editors

With recent technological advances, AI is a major enabler in various fields including sustainable development. AI methods enable sustainability goals and provide value along all of its dimensions. We welcome papers that focus on the application of novel methods in AI for knowledge representation, learning including deep learning and neural networks, reasoning and search, as well as forecasting. Case studies of applications of data science methods and visualization tools, particularly open source, are of interest as they inform research, policy making and practice in sustainability.

Topics may include, but are not limited to:

1. Novel applications of learning and neural networks in particular in the areas of transportation and urban development, water resources management, energy efficiency, agriculture and climate research
2. AI systems that leverage domain knowledge in the field of Sustainability
3. Knowledge representation, search and analysis
4. Explainable AI (XAI) and visualization methods for understanding causal variables
5. AI enabled IoT for measurement and response at the Edge

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Special Issue

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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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