

Special Issue

Sustainable Engineering Applications of Artificial Intelligence

Message from the Guest Editor

In recent years, significant technological advances in artificial intelligence have expanded the capabilities of computers and improved their development capabilities, increasing the sustainability, efficiency, process integration, and intensification of industrial systems. These advancements have opened up broad prospects for technological innovation and automation in various engineering fields. This Special Issue will present the most recent advancements in applying artificial intelligence (AI) techniques in sustainable engineering, including but not limited to energy conversion processes, sustainable thermal design, rechargeable battery engineering, remote sensing, autonomous driving, sustainable aerospace engineering, heat and mass transfer, CFD, wildfire and fire protection engineering. Research areas may include (but are not limited to) the following areas:

- The design, control, and analysis of engineering systems;
- Sustainable engineering applications;
- Spectral radiation heat transfer;
- Remote sensing and applications;
- Fire protection engineering;
- Power generation systems;
- Interdisciplinary sustainability research.

Guest Editor

Dr. Hadi Bordbar

1. School of Engineering, Aalto University, Espoo, Finland
2. Energy Recovery Inc., San Leandro, CA, USA

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Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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