

Special Issue

Artificial Intelligence Algorithms in Sustainability

Message from the Guest Editors

This Special Issue aims to highlight the new approaches that artificial intelligence has adopted as a cornerstone to face sustainability challenges. We invite authors to contribute to this Special Issue. Topics of interest include but are not limited to the following: **Artificial intelligence techniques focused on sustainability engineering issues:**

- Machine learning applied to forecasting models.
- Deep learning for image recognition for sustainability issues.
- Optimization of autonomous systems with artificial intelligence in sustainability.
- Metaheuristic algorithms for the optimization of power systems.
- Diffuse or neural techniques for the analysis of sustainability data.
- Mixed techniques for the development of intelligent systems in sustainability.

Applications with integrated artificial intelligence:

- Photovoltaic systems.
- Energy generation systems.
- Environmental problems.
- Electric vehicles.
- Sustainable systems.
- Alternative energy sources.
- IoT focused on sustainability issues.

The collaboration between algorithmic research and sustainability-oriented technology unlocks significant potential to address global challenges from a scientific and technological perspective.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

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