

## 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.

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### Guest Editors

Prof. Dr. Juvenal Rodriguez-Resendiz

Facultad de Ingeniería, Universidad Autónoma de Querétaro, Santiago de Queretaro 76010, Mexico

Dr. José Manuel Álvarez-Alvarado

Facultad de Ingeniería, Universidad Autónoma de Queretaro, Queretaro 76010, Mexico

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### Deadline for manuscript submissions

30 June 2026



## Algorithms

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*Algorithms*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[algorithms@mdpi.com](mailto:algorithms@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Algorithms* are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

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### Editor-in-Chief

Prof. Dr. Frank Werner

Faculty of Mathematics, Otto-von-Guericke-University Magdeburg, P.O.  
Box 4120, D-39016 Magdeburg, Germany

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