



## Combination of Life Cycle Sustainability Assessment and Multi Criteria Decision Approaches for Renewable Energies

Guest Editors:

**Dr. Adebayo Agbejule**

Faculty of Mechanical  
Engineering, Vaasa University of  
Applied Sciences, Vaasa,  
Wolffintie 30, 65200 Vaasa,  
Finland

**Prof. Dr. Theocharis Tsoutsos**

School of Environmental  
Engineering, Technical University  
of Crete, TUC Campus, 73100  
Chania, Greece

Deadline for manuscript  
submissions:

**15 October 2024**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to present and disseminate the most recent advances in areas related to sustainability, such as energy policies, electrical supply, the renewable energy supply chain, the circular economy, and the evaluation of renewable energy projects. The scope of this Special Issue includes, but is not limited to, the following:

- Integrating LCA and MCDM for comprehensive renewable energy assessment;
- Tools and software for modelling LCSA and MCDM in renewable energy assessment;
- Energy storage options for better sustainability;
- Sustainable and renewable energy supply chain;
- Renewable energy and sustainable development goals;
- Circular economy and sustainability;
- Environmental, social, and governance and LCSA assessment;
- Sustainability related to carbon capture and storage.

Dr. Adebayo Agbejule  
Prof. Dr. Theocharis Tsoutsos  
*Guest Editors*





# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)