

## Special Issue

# Sustainable Energy Technologies—Green Technologies

### Message from the Guest Editor

Production of clean, sustainable energy is on the rise around the world. However, there are still significant challenges with respect to the development and optimization of renewable energy resource exploitation, the efficiency in energy generation and utilization pathways (including energy conservation), and the mitigation of environmental impacts. These challenges provide opportunities for emerging research and development as well as for business innovation and job creation in renewable energy systems technology development, plant biotechnology, and entrepreneurship. Advances in micro-energy grids and renewable energy technologies could dramatically accelerate change in communities' access to renewable energy. The deployment of distributed networks would help to connect homes, businesses, and schools to small-scale solar power projects to deliver cheap, sustainable electricity that can help to power local economic growth. Topics of interest for publication include, but are not limited to the following:

- sustainable energy
- renewable technology
- green technology
- smart grids
- energy management

---

### Guest Editor

Prof. Dr. Kevin McDonnell

1 School of Agriculture & Food Science, University College Dublin, Agriculture Building, UCD Belfield, Dublin 4, Ireland

2 School of Biosystems & Food Engineering, University College Dublin, Agriculture Building, UCD, Belfield Dublin 4, Ireland

---

### Deadline for manuscript submissions

closed (31 May 2021)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/34534](https://mdpi.com/si/34534)

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

[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)



## About the Journal

### 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.

---

### Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

---

### 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)