



## Application of Green Energy Technology in Sustainable Environment

Guest Editors:

**Prof. Dr. Yi-Ren Wang**

Department of Aerospace  
Engineering, Tamkang University,  
Tamsui, New Taipei City 25137,  
Taiwan

**Prof. Dr. Yu-Hsi Huang**

Department of Mechanical  
Engineering, National Taiwan  
University, Taipei City 10617,  
Taiwan

Deadline for manuscript  
submissions:

**closed (29 February 2024)**

### Message from the Guest Editors

The main purpose of this Special Issue is to hope to solve current environmental problems from the perspective of green energy technologies. The United Nations has set a goal of carbon neutrality by 2050. However, with the increasingly serious effect of global warming, we must speed up the improvement of the environment. Human beings deserve to use the power of science and technology to improve the environment and make life better.

There are still many environmental problems that need to be solved by applying engineering technology. For example, the material technology of aerospace engineering, the fuel used in aircraft or rockets, etc. In addition, the VEH system that converts general mechanical vibration into electrical energy, the vibration reduction of bridge structure, or the reuse of vibration energy, the utilization of wind energy or solar energy, etc.

Colleagues are welcome to submit relevant research for this Special Issue. Contributions are welcome as long as they contribute to the planet and our environment from the perspective of green energy technologies.





an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

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

**High Visibility:** indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

## Contact Us

*Sustainability* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](https://twitter.com/Sus_MDPI)