



## Renewable Fuels Research and Sustainable Energy Transition

Guest Editors:

**Dr. Timothy H. Lee**

Department of Mechanical  
Science and Engineering, ZJU-  
UIUC Institute, Zhejiang  
University, Haining 314400, China

**Dr. Weihua Zhao**

School of Mechanical  
Engineering, Beijing Institute of  
Technology, Beijing, China

Deadline for manuscript  
submissions:

**22 May 2024**

### Message from the Guest Editors

Dear Colleagues,

Carbon neutrality is defined as the state of net-zero carbon dioxide emissions, with many countries declaring this a milestone to reach by 2050. This poses a massive challenge, as over 84% of global energy production still comes from fossil fuels. While change is necessary, it is not possible to convert to only renewables overnight. There must be a transition in how fuels are utilized and how much to use before the final goal can be grasped.

This Special Issue encourages academic and industrial researchers to contribute their original research articles on ongoing developments and findings in the areas of sustainable and renewable fuels for internal combustion engines, gas turbines, and other power generation methods. In addition, reviews on the plethora of new research directions and renewable fuels are also welcome. This Special Issue will provide readers with an overview of the latest research and technological developments, allowing them to understand and contribute to the continuously changing landscape of power generation and utilization.





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](#)