



## Renewable Power and Energy Systems for People, the Planet, and Profit

Guest Editors:

**Dr. Les Bowtell**

School of Mechanical and  
Electrical Engineering, University  
of Southern Queensland,  
Toowoomba, Queensland 4350,  
Australia

Bowtell@usq.edu.au

**Assoc. Prof. Tony Ahfock**

School of Mechanical and  
Electrical Engineering, University  
of Southern Queensland,  
Toowoomba, Queensland 4350,  
Australia

Tony.Ahfock@usq.edu.au

Deadline for manuscript  
submissions:

**31 January 2022**

### Message from the Guest Editors

Globally, utilities and large industries represent a significant proportion of the world's energy consumption and affect many ecosystems. The industrial inertia to be overcome when making sustainable change is often cited as an inhibiting factor in realizing sustainable energy systems. A more holistic approach that shows multiple benefits is more likely to succeed but often relies on multidisciplinary approaches being utilized.

With a systematic approach in mind, the focus of this Special Issue is to highlight the inclusion of novel sustainable elements in systems using large amounts of energy in utilities and industry. Contributors should champion not just the technical merit of individual elements, but also show how they balance planet, people and profit aspects in their respective systems. This Special Issue welcomes contributions that address the holistic sustainability of energy generation and industrial systems. Special attention will be given to submissions that demonstrate the use of the "triple bottom line" approach to novel large-scale industrial and utility system design and management.





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. The journal publishes original research articles, reviews, conference proceedings (peer-reviewed full 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](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many [other databases](#).

**Journal Rank:** [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

## Contact Us

---

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

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

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