# **Special Issue**

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

# 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 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.

### **Guest Editors**

Dr. Les Bowtell

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

Dr. Tony Ahfock

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

### Deadline for manuscript submissions

closed (31 January 2022)



# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/56271

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





# Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



# **About the Journal**

# 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.

# Editor-in-Chief

#### Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G OC5, Canada

## **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, RePEc, CAPlus / SciFinder, and other databases.

### **Journal Rank:**

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

