



## Low-Grade Heat-Driven Multigeneration Systems

Guest Editors:

**Prof. Dr. Poh Seng Lee**

Department of Mechanical  
Engineering, National University  
of Singapore, Singapore

pohseng@nus.edu.sg

**Dr. Fahid Riaz**

Department of Mechanical  
Engineering, National University  
of Singapore, 9 Engineering Drive,  
Singapore 117575, Singapore

fahid.riaz@u.nus.edu

Deadline for manuscript  
submissions:

**30 April 2022**

### Message from the Guest Editors

The topics of interest for publications include but are not limited to:

- Thermodynamic cycles for waste heat recovery;
- Solar thermal refrigeration;
- Hybrid cycles and architectures;
- Combined cooling and power (CCP) cycles;
- Cogeneration, trigeneration and polygeneration systems;
- Energy and exergy analysis;
- Modelling, simulation and optimization of systems;
- Integration of thermal energy storage;
- Heat transfer enhancement;
- Geothermal energy utilization;
- CFD design and optimization for higher energy efficiency;
- Working fluid selection;
- Thermo-economic optimization.





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)