

Special Issue

Development and Application of Sustainable Refrigeration Adsorption Technology

Message from the Guest Editors

We are inviting submissions for a Special Issue of Sustainability on the subject “Sustainable Adsorption Refrigeration Technology”. The ever-growing thermal loads have led to the conclusion that there is a huge need for sustainable cooling systems. Systems that can utilize locally available renewable energy sources could represent a viable solution. Therefore, thermally powered refrigeration is gaining more and more attention among the scientific and industrial communities. There is a great need to analyze real-scale demonstrations and solve the implementation problems that are hindering the wide-scale application and adaptation of thermally powered refrigeration technology. This technology is expected to play a crucial role in meeting the heating/cooling demands as well as in industrial applications. This Issue aims to provide a comprehensive insight into the state of the art in the field of sustainable adsorption refrigeration technology.

Guest Editors

Dr. Bartosz Zajaczkowski

Dr. Andrea Frazzica

Mr. Eric Laurenz

Deadline for manuscript submissions

closed (30 April 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/84634

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

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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. 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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)