



Renewable Energy Driven Sorption Cooling and Desalination

Guest Editor:

Dr. Zisheng Lu

School of Mechanical
Engineering, Shanghai Jiao Tong
University, Shanghai 200240,
China

Deadline for manuscript
submissions:

closed (17 September 2024)

Message from the Guest Editor

Topics of particular interest span the evolution of these sustainable energy systems' performance, adaptability, and reliability, along with their seamless and sustainable integration for optimized efficacy. In the context of this Special Issue, a fervent invitation is extended for the submission of original research articles and reviews, spanning an expansive spectrum of research areas that may include, but are by no means limited to the following:

1. **Pioneering Adsorbents and Sorbents:** Exploring novel adsorption methodologies, innovative theoretical frameworks, and experimental research paradigms rooted in sustainability.
2. **Emerging Cycles:** In-depth investigations into sustainable and efficient cycles, comprising theoretical and experimental research on composite cycles.
3. **Trailblazing Applications:** A wide-ranging exploration of sustainable applications, encompassing refrigeration, air conditioning, energy storage, heating, desalination, and beyond, with a steadfast commitment to sustainability and enduring viability.

I look forward to receiving your contributions.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

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

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)