



Synergistic Technologies to Advance in Sustainable Refrigeration

Guest Editors:

Prof. Dr. José Ramón García-Cascales

Department of Fluids and Thermal Engineering,
Universidad Politécnica de Cartagena, C/ Dr. Fleming s/n,
30202 Cartagena, Spain

Prof. Dr. Antonio López Gómez

Food Engineering and Agricultural Equipment Department, School of Agricultural Engineering, Universidad Politécnica de Cartagena, Paseo Alfonso XIII 48,
30203 Cartagena, Spain

Message from the Guest Editors

The scope of this **Special Issue** will include (i) the integration of renewable energy sources in synchrony with advanced technologies of cold storage; (ii) waste heat recovery using absorption systems; (iii) modelling advanced technologies for improved design, control, and sustainability of refrigeration systems; (iv) environmentally friendly refrigerants for improving refrigeration sustainability; (v) solar cooling systems using nanofluids; (vi) advanced phase-change materials for thermal energy storage and refrigeration; and (vii) active packaging technologies for improving cold chain sustainability.

Deadline for manuscript submissions:

closed (30 January 2023)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patricia Luis Alconero
Materials & Process Engineering,
UCLouvain, Place Sainte Barbe 2,
1348 Louvain-la-Neuve, Belgium

Message from the Editor-in-Chief

Clean Technologies (ISSN 2571-8797) is an international, open access journal of novel scientific research on technology development aimed at reducing the environmental impact of human activities. *Clean Technologies* publishes reviews, regular research papers, communications and short notes which show a significant advance in the development of sustainable technology that reduces energy consumption, environmental pollution and/or the use of water and nonrenewable resources. Our aim is to encourage scientists to publish their experimental and theoretical research in detail as open access, serving a trustable base of advance for the scientific community.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Inspec](#), [AGRIS](#), [RePEc](#), and [other databases](#).

Journal Rank: JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Environmental Science (miscellaneous))

Contact Us

Clean Technologies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/cleantechnol
cleantechnol@mdpi.com
[X@Cleantech_MDPI](#)