Special Issue

Synergistic Technologies to Advance in Sustainable Refrigeration

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.

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 Engineeringl, Universidad Politécnica de Cartagena, Paseo Alfonso XIII 48, 30203 Cartagena, Spain

Deadline for manuscript submissions

closed (30 January 2023)

Clean Technologies

an Open Access Journal by MDPI

Impact Factor 4.0
CiteScore 6.1

mdpi.com/si/90298

Clean Technologies
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cleantechnol@mdpi.com

mdpi.com/journal/cleantechnol

Clean Technologies

an Open Access Journal by MDPI

Impact Factor 4.0
CiteScore 6.1

mdpi.com/journal/cleantechnol

About the Journal

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.

Editor-in-Chief

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

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Environmental) / CiteScore - Q1 (Environmental Science (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 30 days after submission; acceptance to publication is undertaken in 6.4 days (median values for papers published in this journal in the first half of 2024).