



Thermochemical Energy Storage Based on Carbonates

Guest Editor:

Dr. Carlos Ortiz

Departamento de Ingeniería,
Universidad Loyola Andalucía,
41704 Dos Hermanas, Sevilla,
Spain

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue "Thermochemical Energy Storage Based on Carbonates" covers all research concerning TCES based on carbonates. Topics of interest for publication include, but are not limited to the following:

- TCES modeling
- Materials properties
- Synthetic materials testing to improve the carbonate looping behavior
- Reactors design for TCES
- Power cycles integration on carbonate-based systems
- Economic aspects
- Scaling-up analysis
- Critical reviews of TCES technology

We look forward to your submissions.

Dr. Carlos Ortiz

Guest Editor





energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)