



Sustainable and Secure Energy Conversion Systems

Guest Editors:

Prof. Dr. Fontina Petrakopoulou

Chair of Energy Engineering and Climate Protection, Institute for Energy Engineering, Technische Universität Berlin, Marchstr. 18, Secr. KT1, D-10587 Berlin, Germany

Prof. Dr. Francesco Calise

Department of Industrial Engineering, University of Naples Federico II, 80125 Naples, Italy

Dr. Maria Vicidomini

Department of Industrial Engineering, University of Naples Federico II, 80125 Naples, Italy

Message from the Guest Editors

This Special Issue invites studies on the design and implementation of robust energy conversion systems, also accounting for sustainability issues and/or regional and climatic characteristics. Dynamic simulations, energy and exergetic analyses, environmental, social and economic studies, and mathematical optimization, will help to demonstrate the advantages and disadvantages of the studied processes.

The manuscripts received will help to generate and share scientific knowledge on the aforementioned topics, complementing the existing literature and favoring progress towards a more sustainable and secure power generation sector. The editors of this Special Issue will review the papers with special attention, prioritizing those that are written and structured well, not previously published and with methodologies and results that meet the desired purpose.

Deadline for manuscript submissions:

closed (30 September 2022)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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. *Sustainability* publishes original research articles, review 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, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

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

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
X@Sus_MDPI