Solar Energy and Desalination

Guest Editors:

Dr. Elena Guillen Burrieza
AEE-INTEC Institut für
Nachhaltige Technologien,
Gleisdorf, Austria

Dr. Patricia Palenzuela-Ardila
Solar Thermal Applications Unit,
CIEMAT-Plataforma Solar de
Almería, 04200 Tabernas, Spain

Deadline for manuscript
submissions:
closed (31 December 2021)

Message from the Guest Editors

Solar desalination emerges as an alternative of great interest due to the geographical coincidence of areas that suffer from water stress and have easy access to seawater and high levels of solar irradiation. In this Special Issue, we want to contribute to improve the knowledge on the specific challenges and technoeconomic analysis of the many possible combinations for integrating solar energy (i.e., CSP, PV, CPV, etc.) with desalination processes (i.e., MSF, MED, MD, RO, HDH, FO, Absorption, etc.). We therefore invite papers on innovative technical developments, reviews, case studies, technoeconomic analyses, simulation papers, etc., relevant to solar energy and desalination systems in all their possible combinations.

Special Issue

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