energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.2

CITESCORE 7.3

Life Cycle Assessment of Energy Systems

Guest Editors:

Prof. Dr. Guillermo San Miguel
Department of Chemical and Environmental Engineering, School of Industrial Engineering (ETSII), Universidad Politécnica of Madrid, José Gutiérrez Abascal 2, 28006 Madrid, Spain

Dr. Sergio Alvarez
Department of Land Morphology and Engineering, School of Civil Engineering, Universidad Politécnica of Madrid, Profesor Aranguren 3, 28050 Madrid, Spain

Deadline for manuscript submissions:
closed (5 July 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue on "LCA of Energy Systems" is intended to bring together key and inspiring research on the development and application of life-cycle-based methodology to evaluate the technologies, strategies, and policies that will shape the future energy system. These include environmental life cycle assessment (E-LCA), life cycle costing (LCC), social life cycle assessment (S-LCA), life cycle sustainability assessment (LCSA), environmentally extended input-output analysis (EEIOA), etc. The practical use of these tools to evaluate the sustainability of goods and services in the fields of energy, transport, food, construction, waste management, and consumer goods are welcome. The use of advanced methodological approaches to life-cycle-based assessment such as consequential evaluation, dynamic LCA, development of product category rules, interpretation of LCA results for decision making, and aggregation of sustainability dimensions (economic, environmental, and social) into life cycle sustainability assessment (LCSA) will also be of interest.

Prof. Dr. Guillermo San Miguel
Assist. Prof. Dr. Sergio Alvarez
Guest Editors

mdpi.com/si/22062

Special Issue

energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.2

CITESCORE 7.3

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 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