Special Issue

Life Cycle Assessment Applications for Sustainable Energy Systems

Message from the Guest Editors

The sustainable development of societies will demand a clean energy supply. Trying to act in accordance with the principle of sustainable development, the purpose and scope of using energy from renewable sources should be assessed; this is in order to ensure that the energy obtained in this way, together with energy from non-renewable sources, allows us to fulfill the demand for energy and simultaneously meet the required efficiency conditions, while achieving a reduction in the adverse environmental effects related to energy generation and its use. For various types of energy systems, the Life Cycle Assessment method could be used as a tool for this type of analysis. Therefore, in this Special Issue, we would like to encourage authors to publish their original studies on the environmental, economic, and social aspects of a clean energy supply based on LCA studies. The research may cover a wide range of topics, such as the usage of renewable energy sources and other alternative methods of energy production, as well as energy storage systems.

- sustainable energy
- life cycle assessment
- carbon footprint
- energy payback time
- renewable energy sources

Guest Editors

Dr. Agnieszka Żelazna

Prof. Dr. Artur Pawłowski

Prof. Dr. Agata Zdyb

Deadline for manuscript submissions

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

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

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