



energies



an Open Access Journal by MDPI

Life Cycle Assessment in Waste Management

Guest Editors:

Dr. Viktoria Mannheim

Advanced Materials and
Intelligent Technologies Higher
Education and Industrial
Cooperation Centre (HEICC),
University of Miskolc, H-3529
Miskolc, Hungary

mannheim@uni-miskolc.hu

**Prof. Dr. Ernesto D.R.
Santibanez-Gonzalez**

CES4.0, Industrial Engineering
Department, University of Talca-
Chile, Talca, Chile

santibanez.ernesto@gmail.com

Dr. Weronika Kruszelnicka

Department of Machines and
Technical Systems, Faculty of
Mechanical Engineering,
University of Science and
Technology in Bydgoszcz, 85-796
Bydgoszcz, Poland

weronika.kruszelnicka@
pbs.edu.pl

Message from the Guest Editors

Dear Colleagues,

With the increasing pressure on companies/organizations to adopt environmentally friendly practices that allow moving toward a low carbon economy that mitigates the harmful effects of climate change, the use of techniques based on life cycle assessment can facilitate analysis and the comparison of technological alternatives with the ecological requirements that they must meet.

The research results of the articles in this Special Issue show the values of the environmental impacts and energy efficiencies for manufacturing processes and waste management technologies in different lifecycle stages. This Special Issue can set up prognoses and models with LCA analyses and the conscious application of scientific methods, which can offer a prognosis for untested situations.

Dr. Viktoria Mannheim

Prof. Dr. Ernesto D.R. Santibanez-Gonzalez

Dr. Weronika Kruszelnicka

Guest Editors

Deadline for manuscript
submissions:

5 May 2022



mdpi.com/si/98133

Special Issue



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 many other databases.

Journal Rank: CiteScore - Q1 (*Control and Optimization*)

Contact Us

Energies
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

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