Life Cycle Assessment (LCA) of Environmental and Energy Systems

Guest Editors:

Prof. Fabrizio Passarini  
fabrizio.passarini@unibo.it

Dr. Luca Ciacci  
Department of Industrial Chemistry “Toso Montanari”,  
Alma Mater Studiorum-University of Bologna, Bologna 40136, Italy  
luca.ciacci5@unibo.it

Deadline for manuscript submissions:  
31 March 2020

Message from the Guest Editors

Dear Colleagues,

The transition towards renewable energy sources and “green” technologies for energy generation and storage is expected to mitigate the climate emergency in the coming years. Many studies have shown that environmental and energy issues are strictly interconnected and require a comprehensive understanding of resource management strategies and their implications. A system perspective is hence needed to identify and quantify the impact of human activity on the environment. Life cycle assessment (LCA) is among the most inclusive analytical techniques to analyze sustainability benefits and trade-offs resulting from complex systems. This Special Issue welcomes original articles, reviews, and case studies focusing on mutual influences of environmental and energy systems.

mdpi.com/si/29399
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 by the Science Citation Index Expanded (Web of Science), Ei Compendex, Scopus and other databases.

**Rapid Publication:** manuscripts are peer-reviewed and a first decision provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2019).

**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
energies@mdpi.com
@energies_mdpi