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Life Cycle Assessment of Energy and Environment

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Message from the Guest Editors

Environmental sustainability is currently a focal issue, and increasingly ambitious goals and strategies are being established at various levels to target it. The goal is facing key global challenges such as the mitigation and adaptation to climate change, energy security, and the resilience of the industrial and civil sector.

In this regard, it is well understood that environmental and energy issues are strictly interconnected, and therefore that their comprehensive understanding requires a holistic approach. Considering energy and environment as separate systems may in fact lead to ineffective actions that may hinder the achievement of mutual benefits and generate undesirable consequences.

Life cycle assessment (LCA), which represents a recognized and widespread tool, is among the most comprehensive analytical techniques used to evaluate the environmental impact of products, technologies and policies and, therefore, to analyze sustainability benefits in a holistic way.

In this context, this Special Issue welcomes original research articles, reviews, and case studies focused on energy, environment, and their mutual connections.



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Special Issue



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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.

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