

Special Issue

Methods and Applications for Assessing Environmental Sustainability of Energy Technologies and Systems

Message from the Guest Editor

We cordially invite you to submit contributions addressing the following topics (non-exhaustive list):

- Overall roles that LCA can play in supporting more environmentally sustainable energy systems;
- Use of LCA as a support to achieve UN SDGs related to energy;
- Different uses of LCA for eco-design, identification of environmental hotspots, comparative studies, benchmarking of technologies or systems, etc;
- LCA applied to micro-, meso- and macro-scale systems;
- Provision of life cycle inventories (LCI) for emerging technologies or systems to increase the availability of LCI for future LCA studies;
- Method development and application of LCA to energy system models as supports for energy policy-making;
- Combination of LCA with other assessment and management tools for energy decision- and policy-making;
- Inclusion of absolute sustainability in the application of LCA to energy systems;
- Use of life cycle sustainability assessment to integrate economic, social and environmental dimensions of sustainability for energy systems.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2020)



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About the Journal

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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