



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

Guest Editor:

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Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editor

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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