Special Issue

Life Cycle Assessment as an Environmental Sustainability Tool

Message from the Guest Editor

With the rapid development of economy and society, environmental damage should be quantitatively evaluated using assessment tools. Life cycle assessment (LCA) incorporates the “cradle-to-grave” life cycle stages of products and quantifies the inputs and outputs of unit processes within the system boundary in accordance with a functional unit. This Special Issue intends to improve the understanding of LCA and foster its applications in different disciplines. Therefore, we encourage contributions from engineering, social science, natural sciences, management, business, economics, education, etc. We welcome submissions to this Special Issue related, but not limited to, the following topics:

- New methods of LCA;
- Integration of three pillars;
- LCA applications to products;
- Implementation of LCA in circular economy;
- LCA integrated with other techniques;
- Life cycle carbon neutrality;
- Challenges in LCA;
- Improving the geographical and temporal resolution of LCA;
- Applications of S-LCA and LCC;
- Incorporating LCA to SDG;
- Development of databases;
- Carbon footprint;
- Applications of LCA in green buildings.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2023)

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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