



Life Cycle Assessment in the Context of Climate Change: A Sustainable Development Perspective

Guest Editor:

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Message from the Guest Editor

Climate change is one of the greatest challenges today and addressing the impacts of current and future climate change, particularly in terms of evaluating the interaction between climate change and sustainable production and consumption, is a critical research issue.

The purpose of this Special Issue is to publish original research, case studies, or reviews that focus on advanced studies applying life cycle assessment (LCA) to foster sustainable production and consumption, especially in the context of climate change. These studies can evaluate the potential environmental impacts of climate change and explore the integration of LCA within the broader framework of sustainable development, particularly in the context of climate change challenges.

The methodological frameworks of interest include, but are not limited to: LCA, water footprint, social life cycle assessment, life cycle sustainability assessment, and multi-criteria decision analysis (MCDA); applied separately or in combination.

This Special Issue aims to advance our comprehension and application of sustainable practices that address the critical challenges presented by climate change, following a life cycle thinking.





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Message from the Editor-in-Chief

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