

Special Issue

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

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.

Guest Editor

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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

Prof. Dr. Steve W. Lyon

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