

Special Issue

Life Cycle Assessment Approach for Evaluating Sustainable Agroecosystem

Message from the Guest Editors

With the rise in incidences of climatic changes and the increase in threats to environment and the ecosystem, from technological and other interventions, the interest in and importance of Life Cycle Assessment (LCA) as a framework to mitigate such effects are ever growing.

The LCA framework allows for a thorough examination of the environmental effects of the entire production chain for a wide variety of applications and is equally applicable in agriculture. This Special Issue aims to discuss LCA's scientific background, highlighting its concepts, and the evolution of concepts/theories of LCA including in agriculture and allied fields; LCA's use and research in sustaining agricultural development, including improving global food security. Research areas may include (but are not limited to) the following:

- Use and comparison of LCA in different agricultural and livestock value chains;
- Challenges in use of LCA in agriculture and livestock value chains;
- Critical points along LCA and ways and means to identify and strengthen them;
- Adoption of LCA and its challenges in agriculture and livestock value chains.

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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.

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