



## Life Cycle Assessment in Sustainable Products Development

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Deadline for manuscript submissions:

**closed (30 November 2022)**

### Message from the Guest Editors

While most studies concentrate on the methodology of LCA, this Special Issue aims to present LCA-associated studies from a specific viewpoint of product development applications. Approach to the application of LCA in product development are presented with step-by-step instructions, starting from concept, part, and process design all the way to decision making. LCA is applicable in several forms, including impact assessment, selection, classification, and decision support. The challenges with regard to the four main steps of LCA (namely, goal and scope definition, life cycle inventory, life cycle impact analysis, and interpretation) are within the scope of this issue.

In particular, the main topics that this Special Issue shall cover are:

- Environmental assessment of agri-industrial products, biofuels, and energy systems;
- Life cycle cost analysis of agri-industrial products, biofuels, and energy systems;
- Greenhouse gas emissions, water and ecological footprint of agri-industrial products, biofuels, and energy systems;
- Integrating exergy and economic and environmental parameters to offer a novel sustainability index;
- New approaches in LCA of sustainable products.





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## Message from the Editor-in-Chief

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