

LCA of bio-systems and food products

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The accelerating demand for food and bio-based products on the world market creates ever increasing demands for LCA applications to promote environmental benefits through cleaner production and optimal use of the bio-feedstock while avoiding problem shifting. This session focuses on the application of LCA on food and bio-based products through method developments (e.g. land use change, carbon cycle, and nitrogenous field emission modelling) and LCA case studies. Cases include sustainability related issues within e.g. food production, wood products, bio-plastics and biofuels, as well as the incorporation of the consumption perspective in LCA studies.