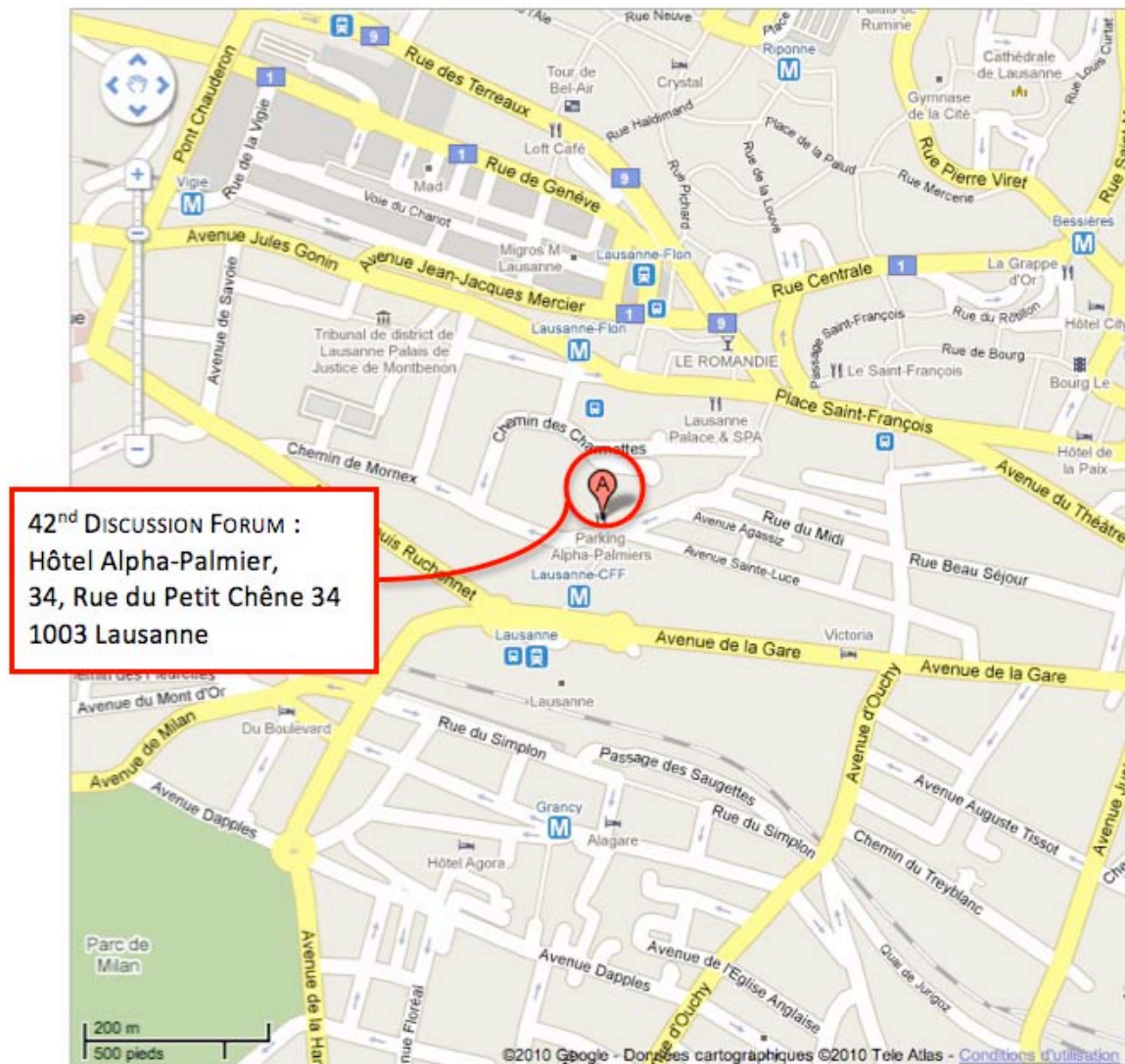


**Programme 42nd LCA Discussion Forum:
Integrating biodiversity in LCA**
19 November 2010 in Lausanne, Alpha-Palmiers Hotel

Description:

The importance and complexity of biodiversity require relevant and representative indicators that reflect changes in biodiversity at multiple levels (e.g. species, communities and ecosystems) and at multiple spatial scales (e.g. local, regional, national). Although it may be unrealistic to expect LCA to cover all of these aspects, current methods of integrating biodiversity into LCA lack a comprehensive approach. Until now, they have focused primarily on a change at the community level (species richness and density) at the European scale. New developments in LCA methodology need to reflect this inherent complexity and spatial variability. A discussion of possible approaches for the future will serve to guide research efforts toward achieving this goal.

Location:



Time	Topic	Speaker
9.30	Registration & Coffee	
10.00	Welcome and introduction	Michael Curran, Francesca Verones, Laura de Baan (ETH, Zurich)
Recent methodological developments in LCA		
10.10	Biodiversity loss and LCA: what is the state of the art?	Michael Curran, ETH, Zurich, Switzerland
10.30	A global approach to assess land use impacts on biodiversity in LCA	Laura de Baan, ETH, Zurich, Switzerland
10.50	A global approach towards assessing acidification impacts on plants	Ligia Azevedo, Radboud University, Nijmegen, The Netherlands
11.10	Water use impacts on groundwater dependent ecosystems: a framework for identifying hotspots of potential damage	Francesca Verones, ETH, Zurich, Switzerland
11.30	Multi-scale multimedia modelling of toxic impacts on freshwater biodiversity	Cedric Wannaz, University of Michigan, Ann Arbor, USA
11.50	Lunch	
Case-studies of biodiversity assessments using LCA		
13.20	Impact on biodiversity of agricultural land use and production in LCA	Philippe Jeanneret, Research Station Agroscope Reckenholz-Taenikon (ART), Zurich, Switzerland
13.40	Biodiversity impact assessment of Austrian organic and conventional dairy products	Christian Schader, Research Institute of Organic Agriculture (FiBL), Frick, Switzerland
A view from outside of LCA		
14.00	Assessing deforestation in product supply chains	Julien Troussier, The Forest Trust, Crassier, Switzerland
14.20	Integrating biodiversity loss in LCA – A perspective from the UNEP SETAC Life Cycle Initiative	Mireille Rack (Guido Sonnemann/Sonia Valdivia), UNEP DTIE, Paris, France
<i>14.40</i>	<i>--- cancelled --- Assessing impacts to biodiversity: myth and reality</i>	<i>Pedro Rosabal, IUCN, Gland, Switzerland</i>
15.00	Rio Tinto's approach on biodiversity evaluation	Paola Kistler, Rio Tinto, Switzerland
15.20	Coffee break	
Future challenges		
15.50	Summary of future challenges and themes for discussion	Michael Curran, Francesca Verones, Laura de Baan (ETH, Zurich)
16.00	Group discussion – separate groups	Participatory session
17.00	Wrap up and farewell	Michael Curran, Francesca Verones, Laura de Baan (ETH, Zurich)