

53rd LCA Discussion Forum

UNCERTAINTY IN LIFE CYCLE ASSESSMENT: STATE OF THE ART AND PRACTICAL CHALLENGES

September 13th 2013, Zürich

We cordially invite you to the **53rd Discussion Forum on Life Cycle Assessment**
The official language of this event is English

Although uncertainty has been an important topic in LCA since its beginnings, many LCAs omit uncertainty analysis entirely. This discussion forum will include some presentations on recent developments in LCA such as the revised pedigree matrix for Ecoinvent 3, and the consideration of correlated uncertainties, but its main focus would be on the practical challenges that prevent uncertainty analysis from being a routine step. Case studies will examine successes and failures of calculating, understanding, and reducing uncertainty.

The afternoon will also include panel and moderated small group discussions with the aim of producing an outlook paper for publication, and show how advanced uncertainty assessment improves the iterative process of LCA studies.

We look forward to meeting you!

Swiss LCA DF

Final Programme

Time	Title	Speaker
8:30	Registration, coffee	
9:00	Welcome and introduction	
9:15	Keynote 1: Overcoming barriers to incorporating uncertainty in LCA	Jeremy Gregory - MIT
10:00	Keynote 2: A protocol for approaching process data uncertainties in Life Cycle Inventory Analysis	Jeroen Guinée, Patrik Henriksson - Leiden University
10:45	Coffee break	
11:15	Keynote 3: Pedigree Matrix version 2: the challenges of empirical factors	Andreas Ciroth - GreenDelta
12:00	Effects of distribution choice on the modeling of LCI uncertainty	Stéphanie Muller - CIRAIQ, Polytechnique Montréal
12:30	Lunch break	
14:00	Methods for uncertainty propagation in LCA	Evelyne Groen, Wageningen University
14:15	Uncertainty, variability and contribution-to-variance analysis: It's not just inventory data	Stephan Pfister - ETH Zürich
14:30	Group activities: identification of key challenges for uncertainty research and communication	
15:30	Coffee break	
16:00	Results of group activities and discussion	Chris Mutel - ETH Zürich
16:50	Wrap-up and closing remarks	
17:00	End	

1 Practical information

Application form

To register for the 53rd DF, please fill in the application form (pdf) attached and send it to the LCA Discussion Forum secretariat (lcaforum@quantis-intl.com). Please do not forget to indicate your affiliation and if you are a student, a PhD student or a member of Swiss cleantech (special fees apply, see application form). Programme updates will be available at www.lcaforum.ch.

Invoice

Once the application form is sent to the LCA Discussion Forum secretariat (lcaforum@quantis-intl.com) and the registration is confirmed, an invoice will be sent by email to each participant. It is possible to pay by transfer payment or with cash the morning of the forum at the reception desk, from 8:30 to 9:00 am.

Lunch

Vouchers for lunch at the ETH restaurant will be provided to all participants. A vegetarian meal option is always on offer.

Location

The 53rd DF will take place in the Alumni (GEP) Pavillon, Swiss Federal Institute of Technology Zurich, 8001 Zurich.

<https://maps.google.ch/maps/ms?msa=0&msid=205813047619347088253.0004e0af154b1fc2c1968&ie=UTF8&ll=47.376616,8.546441&spn=0.00287,0.006968&t=m&z=18&vpsrc=6&iwloc=0004e0af154df9d0190e4>



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