



Applied LCA in SimaPro Online Course

Location: This is a 2 part 3hr online course (6 hrs total), conducted via the web & phone

2010 Schedule: Jan 26&27, April 6&7, May 18&19, July 13&14, Oct 12&13
(also scheduled upon request/interest)

Time: 1:00-4:00pm EST (subject to change)

Cost: \$1000 per person (Three or more attendees from an organization receive a 10% discount.)

Registration: Email the training registration form (found online) to training@earthshift.com

COURSE OBJECTIVES

To introduce students to SimaPro and the ISO 14040 and 14044 LCA methodology. It provides an overall framework for understanding what is involved and how to interpret the results.

DESCRIPTION

This is a two part, six hour online introductory course covering the basics of life cycle assessment and allowing the students to get familiar with the SimaPro software and the methodology. This course will familiarize you with the steps involved in doing a life cycle assessment as well as giving you hands-on experience using SimaPro software. You will need access to two computers for this course, one to view the course and follow along with the instructor and another with SimaPro on it for you to work in during the hands on exercises. This course is taught by a well experienced LCA/SimaPro professional.

TOPICS COVERED

Part I:

- What is Life Cycle Thinking
- Goal & Scope
- The Structure of SimaPro: database, projects, libraries.
- Life Cycle Inventory: SimaPro libraries, types of data, finding data, gathering data.
- Hands on experience with SimaPro: exploring the various ways to create processes, perform simple analysis and look at different ways to view results.
- Parameters
- In depth examination of various Impact Assessment Methods in SimaPro: including an explanation of characterization, damage assessment, normalization, weighting, midpoint, and endpoint.

Part II:

- Allocation
- Hands on Experience with SimaPro: how to use parameters to model allocation.
- Life Cycle and End of Life Modeling
- Hands on Experience with SimaPro: how to structure product stages.
- Database management, importing and exporting from SimaPro

ORGANIZATION

The class will meet online at www.gotomeeting.com. You will be provided with an invitation and password a couple days before the class. The best set up for taking the class is to have one computer to view the slides and one computer set up with SimaPro to follow along and gain hands on experience. If you would like to take the class but do not have access to the software, we will provide you with a temporary license. Before the class you will receive a print-out of the presentation slides, which you can use for note taking during the class. These prove to be a great help when conducting your future LCA's.

PREREQUISITES

We suggest that students have some knowledge Life Cycle thinking.

