INTRODUCTION TO LIFECYCLE ASSESSMENT FOR DESIGN

ARCH 610

Life Cycle Assessment (LCA) is a standardized process for quantifying the lifecycle environmental impacts of materials or processes in terms of environmental impact indicators like global warming potential, embodied energy and embodied water.

This intensive seminar will focus on the tools and skills designers need to use existing LCA data and studies in making design decisions with particular emphasis on modeling the environmental impacts of the materials of construction.

This is a lively, day-long workshop on the third Saturday of spring term.

Topics

- Concepts, definitions and practices
- Software tools (SimaPro, Sustainable Minds, Athena)
- Environmental context of key indicators
- Critical issues

Graduate Seminar in Advanced Technology
1 credit CRN 37706

Open to: Graduate students in architecture

Meeting time:
Saturday, April 2st
8:30am-5:20pm
LA 206

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