ARCH 607

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.

Topics

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

Graduate Seminar in Advanced Technology
2 credits

Open to: Graduate students in architecture

Meeting times:

Saturday April 2nd 9-5pm
Monday April 4th 5:30-7pm
Monday April 11th 5:30-7pm
Monday April 18th 5:30-7pm
Monday April 25th 5:30-7pm

Prof. Erin Moore
moore2@uoregon.edu