



What's Your Building's Eco-Value?

A lecture for Urban Habitat Chicago by

Mike Jackson of the Illinois Historic Preservation Agency

Wednesday, June 4, 2008 from 6:30-8:00pm

Budlong Woods Branch Library, 5630 N Lincoln Ave,
Chicago, Illinois 60659

Free to the public – but make sure to register at
www.urbanhabitatchicago.org - *space is limited*



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Lecture summary

Historic buildings, particularly commercial and institutional buildings constructed in the era of masonry bearing wall construction contain a large amount of embodied energy. This program will look at some of the historic and contemporary data on the building science of embodied energy (a.k.a embedded carbon). Calculating embodied energy is not necessarily an easy task. First there is the need to estimate the total amount of material used in a building, which can be challenging without any original construction documents. Secondly, contemporary research materials on the embodied energy of archaic building materials have not been assembled into one research report. However, there are several research reports on the embodied energy of construction materials that can be used as a starting point and some new web sites.

This program will also examine how embodied energy is used in new green building rating systems. A comparison will also be made of the embodied and operating energy of selected building types to produce a life cycle assessment of total energy utilization.

Speaker Biography

Mike Jackson, FAIA is the Chief Architect of the Preservation Services Division of the Illinois Historic Preservation Agency (IHPA). He directs the IHPA architectural staff in evaluating changes to historic buildings when those alterations fall under a variety of regulatory and benefit programs. Mr. Jackson has been with the IHPA since 1983 and was the project manager for the restoration of the Dana-Thomas House in Springfield and the David Davis Mansion in Bloomington. He also supervises the IHPA design services provided to the Illinois Main Street program. Mr. Jackson holds degrees from the University of Illinois at Urbana-Champaign and Columbia University. He is a fellow of the American Institute of Architects. His professional experience includes work in New York City and New Orleans as well as communities across Illinois. He is a visiting professor of architecture at the University of Illinois at Urbana-Champaign.

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Registration

This event is free to the public, but pre-registration is required. Please register at www.urbanhabitatchicago.org for this event. Seating is limited to 25.

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