



**Date:**

**Friday, March 26, 2010**

**Time:**

**4:00 p.m. – 4:25 p.m.**

**Presentation:**

***“Carbon Neutral Building Design”***

James Wasley

Associate Professor of Architecture

University of Wisconsin-Milwaukee

Carbon Neutrality represents the frontier of architectural design- buildings that do not emit greenhouse gasses in their operation and potentially even balance the carbon emitted during their construction with the carbon sequestered on site or within their building materials.

This goal is extreme, but it is also very real. Carbon Neutrality in building operations is the defining goal of the 2030 Challenge, a national movement committing its members to gradually increasing building energy efficiency in new construction down to a level that can be considered carbon neutral by the year 2030.

This session will focus on research and consulting work taking place at UWM that is defining the architectural features of this new way of thinking about design.

Prof. James Wasley is currently heading up a national research and curriculum development on the topic, while Prof. Utzinger has served as the environmental consultant on the building that has done more than any other nationally to define the terms of the debate- the Aldo Leopold Legacy Center in Baraboo, WI. Together they will talk about this emerging field of architectural design, illustrated with case studies from around the country.

**Presenter Biography:**

**James Wasley**

James Wasley is an associate professor in the Department of Architecture at UW-Milwaukee. He is a member of the Formal Education Committee of the United States Green Building Council and the past president of both the Society of Building Science Educators and the Wisconsin Green Building Alliance: An Affiliate of the USGBC.

Prof. Wasley is currently the Principle investigator for the Society of Building Science Educators' 'Carbon Neutral Design Project,' which is developing curriculum materials on the topic of carbon neutral design for the American Institute of Architects. In 2005 he was recognized by the American Institute of Architects Committee on the Environment for promoting "Ecological Literacy in Architectural Education" for courses and activities featuring a similar blend of academic research, teaching and environmental activism promoting the adoption of green building standards throughout the University of Wisconsin System.