2007 EARTH DAY FORUM


MONDAY, APRIL 23, 2007

Speaker
Ed Mazria, AIA, Principal of Mazria, Odems, Dzurec, Inc., Santa Fe, New Mexico

Edward Mazria is an internationally recognized architect with a long and distinguished career. His architecture and planning projects span over a thirty year period and each employs a cutting-edge environmental approach to its design. His architecture and energy research at both University of New Mexico and the University of Oregon established his leadership in the field of resource conservation and his innovative design methodology, developed at that time, is currently in use worldwide. Since forming Mazria Inc. in 1978, he has completed a diverse number of award winning architecture and planning projects from the Mt. Airy Public Library in North Carolina, to the Genoveva Chavez Community Center, a 170,000 square foot sports complex in Santa Fe, New Mexico. He is the principal-in-charge of design for all firm projects. He is the author of the Architecture 2030 Challenge on global warming that was recently adopted by the American Institute for Architects.

Date
April 23, 2007
• 4:30-5:30 p.m.: USGBC Emerging Green Builders Exhibition
• 5:30-7:00 p.m.: Ed Mazria lecture and discussion

Lecture Registration information
American Institute of Architects Minnesota (AIA MN), www.aia-mn.org (starting March 1)

Location
The Great Hall, Coffman Union, University of Minnesota, Minneapolis, MN

Lecture Topic
The lecture will introduce the "Architecture 2030 Challenge" recently adopted by AIA and the U.S. Conference of Mayors to incrementally move toward zero emission/zero energy design by the year 2030. Ed Mazria is the author of the initiative and will discuss how design can play a critical role in the reduction of greenhouse gas emissions and global warming in Minnesota and throughout the world. For more information see www.architecture2030.org.

TUESDAY, APRIL 24, 2007
Zero Energy Architecture Workshop

Instructors
Joel Loveland: The Seattle Integrated Design Lab and the University of Washington
David Eijadi and Tom McDougall: The Weidt Group, Minnetonka, MN

Date
April 24, 2007
• Tuesday, April 24; 10:00-4:00; Ski-U-Ma Room, McNamara Alumni Center, University of Minnesota, Minneapolis, MN
Workshop registration information
American Institute of Architects Minnesota (AIA MN) www.aia-mn.org (starting March 1)

Workshop Topic
Learn about key performance issues that must be considered for designing, constructing and operating zero-energy consumption commercial buildings in the upper Midwest. This workshop will identify and illustrate methods for integrating high performance building design components, including building load reduction strategies, high-quality interior environments, energy-efficient systems, and renewable energy generation systems. The workshop will educate and inform these practices by lecture, case study illustrations, and selected work problems.

Prerequisites
None

Materials or Tools
Please bring tracing paper, tape, pencils, pens, scales, calculators and computers

Workshop Presenters

Joel Loveland, Professor
Joel Loveland is the Director of the Betterbricks Integrated Design Lab (IDL) of Puget Sound and a Professor in the Department of Architecture at the University of Washington. The IDL’s activities date back to 1980 as a teaching lab for the University of Washington and include being the first daylighting design assistance lab in the United States. IDL is currently funded by The Northwest Energy Efficiency Alliance, British Columbia Hydro, the New York State Energy Research and Development Authority, and other private groups and public agencies. Recent articles about the IDL’s activities have been published in both the New York Times, the Wall Street Journal, Metropolis, Environmental Design and Construction, the October, 2004 “sustainable design” issue of Lighting Design and Applications, and in the European journal Intelligent Glass Solutions. Mr. Loveland was voted one of the 2004 Top 25 Sustainable Design Professionals by the editorial staff of the Sustainable Design Journal.

David A. Eijadi, FAIA, LEED® AP, IESNA
Mr. Eijadi is a Principal at The Weidt Group who directs the firm’s Design Assistance services for sustainable design and high performance buildings. With 29 years of experience in environmentally appropriate design, he holds two skylight patents—one of which was installed in 1993 in Wal-Mart’s first “EcoMart” in Lawrence, Kansas. Further development of this work was introduced on the Pharmacia Building Q in Skokie, Illinois, which helped it become the first LEED Gold Laboratory Building in 2002. A frequent speaker to regional, national, and international audiences, Mr. Eijadi has presented at Lightfair International and the 2006 Greenbuild Conference.

Tom McDougall, PE, Assoc. AIA, IESNA
Mr. McDougall was recently named President of The Weidt Group. As Vice President of the firm for the previous 15 years, he provided energy, daylighting and environmental design consulting for numerous award-winning projects, including four national AIA Top Ten Green Projects and the Science Museum of Minnesota’s Science House, a zero-energy building. Mr. McDougall has been a contributor to several energy design guidelines and has authored and co-authored articles, papers, and books on daylighting and lighting, including "Daylighting Design Smart and Simple" and "Lighting Controls - Patterns for Design" for the Electric Power Research Institute.

About The Weidt Group
The Weidt Group is an internationally known design consulting firm emphasizing energy conservation and daylighting for high performance buildings. Assisting architects, engineers, building owners and utilities, we have been using our skills in comparative analysis to help create and validate environmentally appropriate buildings since 1977. Through seamless collaboration with more than 200 architecture and engineering firms on over 100
million square feet of construction, The Weidt Group has helped reduce air pollution by over 604 kilotons each year while saving building owners and operators more than 58 million dollars annually. In addition to numerous award-winning projects on which we have collaborated, The Weidt Group has been directly recognized by professional organizations, including awards for innovation from the European Council for an Energy Efficient Economy (ECEEE) in 2001 and 2005.

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