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DALLAS ARCHITECTS PREPARE FOR THE NEW ENERGY FRONTIER

AIA Dallas launches “AIA+2030 Professional Series” To Curb Greenhouse Emissions by 60% in 15 years

Dallas, TX – February 4, 2014 – AIA Dallas is launching the *AIA+2030 Professional Series™* presented by Big Ass Fans this month to educate Dallas architects about specific ways to create and renovate buildings in order to reduce fossil fuel greenhouse gas emissions by 60% by 2030. The launch of this series [adds Dallas to the ranks](#) of a growing list of 24 other U.S. cities participating in this initiative.

“By the year 2035, approximately three-quarters, a full 75%, of the built environment will be either new or renovated,” says **Ed Mazria**, AIA, “If we train architects and builders now how to create and renovate carbon-neutral buildings, the next 25 years offers an historic opportunity for us to avoid dangerous climate change.”

Scientific evidence suggests that we have 10 years to significantly reduce global greenhouse gas emissions in order to avoid catastrophic climate change. Fifty percent of greenhouse gas emissions can be traced to buildings. With proper tools and training, architects can make a significant difference. *Architecture 2030®*, a non-partisan, national not-for-profit started by renowned architect Ed Mazria, AIA issued the 2030 Challenge® that asks the global architecture and building community to reach the goal of carbon-neutral buildings by 2030.

AIA Seattle in partnership with Architecture 2030 developed the [AIA+2030 Professional Series™](#), a 10-part series of intermediate-level professional development courses taught by national and international sustainability experts to directly address this goal. AIA Dallas’ Committee on the Environment is organizing the Dallas program.

“Climate change is real, and architects have solutions,” says **Lisa Lamkin**, AIA, LEED AP, principal at BRW Architects and AIA Dallas’ 2014 board president. “AIA Dallas is presenting this program to put architects on a track to create buildings we need. The knowledge and tools they pick up in the course will provide them and their firms a distinct competitive advantage.”

Curriculum topics include Waste Heat Recovery, Energy Modeling, Active Solar Systems, and more. Courses are presented by nationally renowned experts who will provide one hour of instruction, one hour of case study reviews and Q&A, and one hour of practical, hands-on workshops among cross-discipline, inter-firm collaborative groups.

“The *AIA+2030 Professional Education Series* will bring nationally-recognized sustainability leaders to Dallas, who will provide specific tools for reducing greenhouse gas emissions, not just theory,” says **Mary Dickinson**, Associate AIA, RID, LEED AP BD+C, 2013 chair of AIA Dallas’ Committee on the Environment and interior designer for Perkins+Will. “These tools have been shown to make a direct

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impact and the more architects trained to do this work, the closer we will be to reducing the impact of climate change.”

While the 10-part series is to-the-trade only, a catered reception and keynote address by Ed Mazria is open to the public and trade. The event is February 10, 5:30-7:30 p.m. at [HKS Architects](#). Attendance is limited to 200. Tickets are \$20 for members, \$25 for non-members and \$15 for students, and can be reserved at www.aiadallas.org.

Registration Information

Courses begin February 10, 2014, 1 - 5 p.m. and meet the second Monday of every month, except July. Attendees meet at Dallas Center for Architecture, [1909 Woodall Rodgers Freeway Suite 100, Dallas, TX, 75201](#). The cost for all 10 courses is \$900 for members and \$1,250 for non-members. Registrations are open through February 7, 2014 and can be made at www.aiadallas.org. Attendance is limited to 60, first-come, first-served. Registration is for the entire series; however, firms may purchase a package for staff and transfer attendance among staff. Architects will receive Continuing Education Credits of 40 LU / HSW (4 each / session.)

Schedule, Speakers and Topics:

February 10	Session 1	The 2030 Challenge: Setting and Achieving Energy Goals with Integrated Design
March 10	Session 2	Getting to 60: The Power of Targets and Load Reduction
April 14	Session 3	Accentuate the Positives: Climate Responsive Design
May 12	Session 4	Skins: The Importance of the Thermal Envelope
June 9	Session 5	Passively Aggressive: Employing Passive Systems for Load Reduction
August 11	Session 6	Illuminating Savings: Day-lighting and Integrated Lighting Strategies
September 8	Session 7	Right Sizing: Equipment and Controls for Super-Efficient Building Systems
October 13	Session 8	Site Power: Renewable Energy Opportunities
November 10	Session 9	The Hand-Off & Staying In Shape: Operations Maintenance and Education: Panel Discussion
December 8	Session 10	Putting it All Together: Achieving 2030 Goals on the Project and at the Office: Panel Discussion

Series sponsors include presenting sponsor Big Ass Fans; gold sponsors CCRD Partners, TD Industries and Viridian; and keynote presenting sponsor HKS Architects.

About AIA Dallas

AIA Dallas, the seventh largest chapter of The American Institute of Architects, empowers architects to excel and impact their practice, profession and community. AIA Dallas has a membership base of more than 2,000 individual members and 300 architectural firms. More information about AIA Dallas can be found online at <http://www.aiadallas.org>.

About Ed Mazria and Architecture 2030

Ed is founder of [Architecture 2030](#), a non-partisan, non-profit research organization developing planning, policy, and design solutions for low-carbon, resilient built environments worldwide. In 2006, with Architecture 2030, Mazria developed and issued the 2030 Challenge, a measured and achievable strategy to dramatically reduce global greenhouse gas emissions and fossil-fuel consumption by the year 2030. He speaks nationally and internationally on the subject of architecture, design, energy and climate

change and has taught architecture at several universities including the University of New Mexico, University of Oregon and UCLA. His numerous awards include AIA Design Awards, AIA Design Innovation Award, American Planning Association Award, Department of Energy Awards, "Pioneer Award" from the American Solar Energy Society, first recipient of the Equinox Award presented on the 50th anniversary of construction of the world's first commercial solar building, and most recently a 2008 National Conservation Achievement Award from the National Wildlife Federation. He is a fellow of the Design Futures Council.

The [AIA+2030](#) professional series is for architects, engineers, interior designers, developers, contractors, owners, facilities managers and others interested in the sustainable building industry. Each class will include a presentation from experts in the industry who will review their strategies in designing top performing building, showcase projects that have met the 2030 Challenge, and provide attendees tools to do the same.