

Maximizing Building Performance Requires Multi-discipline Strategies

High performance building is the future of the industry. It embodies the health, safety, and welfare of those who design, construct, own, and operate capital facilities – our entire built environment.

This conference goes beyond the concepts of 'green building' and delves into opportunities for engineers, architects, facility owners, and managers to design, construct and operate safe, secure, energy efficient and intelligent structures. The program will cover important issues including: Accessibility; Aesthetics; Cost-Effectiveness; Functionality; Preservation; Productivity; Safety and Security; and Sustainability.

Cost

3 Day Passport for \$795

Day pass: \$395

Exhibit and keynote only admission available. Additional registration fees may apply to some co-located conferences/events as noted on the website.

Your Stand Alone or 3 Day Passport Registration includes:

- 2 Day Exhibit Hall Dec. 10-11
Discover the latest materials, services, and technologies.
- 3 Keynote Addresses.
Get inspired by these industry leaders.



"Building Our Sustainable Future"

Congressman Russ Carnahan
United States House of Representatives
Missouri 3rd Congressional District



"Inheritance and Responsibility"

Marvin J. Malecha, FAIA
2008 First Vice President/2009 President
The American Institute of Architects



"Smart ALECs (Architects Leading Enterprise Creation) The Integration of Politics and BIM Technology"

Ambassador Richard N. Swett, FAIA
Vice President and the Managing Principal - Washington Office
Leo A. Daly

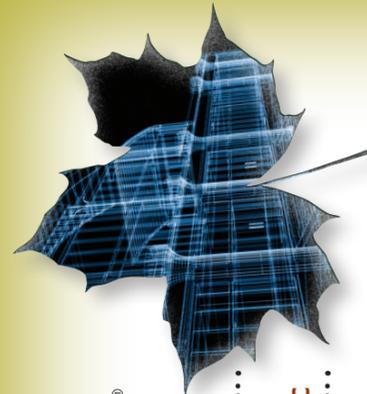
REGISTER TODAY
at www.aecEcobuildFall.com

*Conference sessions subject to change. Please visit website for latest updates.



Ecobuild America, LLC
1645 Falmouth Road #1A
Centerville, MA 02632

Printed on recycled paper



DECEMBER 8 - 11, 2008

WASHINGTON CONVENTION CENTER | WASHINGTON DC

www.aecEcobuildFall.com

Who Should Attend:

Anyone involved in the design, construction, and management of commercial, residential facilities, from the private or public sector, including specifiers of building products, materials, and services.

For example:

- Architects
- Engineers
- Contractors
- Government-Federal, State & Municipal
- Facility Managers
- Building Owners
- Specifiers
- Homebuilders
- Planners and Designers
- Building and Construction Product Manufacturers

Why Attend:

There's no better event to... learn how to build Smarter, faster, more sustainably and tap into the Knowledge...Products...Technology...& Connections you need for success.



Get the Complete Low Down on High Performance Building

- Planning & Project Development
- Sustainable Design
- Green Mechanical/Electrical Systems Engineering
- Alternate Energy & Efficiency
- Environmental Performance: Sustainability, IAQ
- Technologies, Software & Standards

Whole building solutions –in one convenient location...



Sustainable, Green and High Performance Solutions for the Built Environment



Science & Technology for Architecture, Engineering & Construction

DECEMBER 8 - 11, 2008

WASHINGTON CONVENTION CENTER | WASHINGTON DC

Held in Cooperation With:



Corporate Sponsors:



www.aecEcobuildFall.com

SUSTAINABLE & SMART



The 3 day conference...

offers a variety of sessions broken down into 14 focuses tracks.

The following are sessions from these tracks:

- Building Performance & Engineering
- Energy Efficiency & Renewable Energy
- Green Mechanical/Electrical Systems & Operations

CODE SESSION

- W100** Green Globes™ for Continual Improvement of Existing Buildings
- W101** A Practical Online Tool for Building Life Cycle Assessment
- W102** Solar and Alternative Energy Solutions
- W202** Commissioning Existing HVAC Systems for LEED® and Energy Savings
- W203** How to Build Green: Developing a Start-to-Finish Process for Improving the Environmental Performance of Your Building
- S102** Geothermal HVAC Design: An Introduction
- S104** Developing the High Performance Building Standards
- S202** Shades of Green - Integrating Modulating Condensing Technology, GSHP and Alternative Energy
- S204** Landscape Design: Practical Facility Applications for Energy Conservation
- S211** Designing and Building High Performance Homes
- S213** Introduction to EcoTect Energy Design
- S300** Beyond Green™ - Employing the Whole Building Design Guide to Achieve High-Performance Buildings
- S301** LEED® for Federal Buildings
- S302** Sustainable High Performance Buildings through Integrated Design
- S303** LEED®-NC (New Construction) for Energy & Atmosphere
- S304** Climate Change: The Importance of Water Planning and Design
- S307** BIM in Education: An Information Exchange for Educators and Industry-Focus on Eastern Universities
- S310** Zero Energy Buildings: Smoke, Mirrors, or What?
- S402** Using ENERGY STAR® Qualified Products in Green Building Design
- S403** LEED®-NC (New Construction) for Indoor Environmental Quality
- S409** BIM for Energy Modeling, Lifecycle Energy Usage & Cost Analysis
- S411** Mold: Changes in Smart Building Practices and New Building Products
- S500** Residential Building Performance & Engineering
- S501** Greening Rooftops
- S502** Selection and Application of Active Chilled Beams and Radiant Panels
- S510** Design and Simulation Tools for Window System Energy Performance
- S511** Designing With Structural Insulated Panels
- S602** Engineering High Performance Building HVAC & Energy Systems

Co-located Events

Increase the value of your visit: leading industry associations and agencies have chosen Ecobuild & AEC-ST Fall as a destination for their conferences and meetings.

Conferences

Complying with Standard 90.1-2007

Presented by: ASHRAE

Monday, December 8, 2008, 9:00 am – 4:00pm

This course presents an overview of the 2004 standard, the addenda that are added in the 2007 version, the Standard's requirements, and methods for compliance. Participants receive course manual a discount toward the purchase of Standard 90.1-2007 and the User's Manual. **Separate Registration Required** - \$380 for ASHRAE Members and \$485 for Non-Members. Register at: www.ashrae.org

International Institute for Sustainable Laboratories - I2SL

Sponsored by:

The U.S EPA, DOE and International Institute for Sustainable Laboratories (I2SL)

Monday, December 8, 2008, 9:00 am – 5:30 pm

The Labs21 Introductory Course: High-Performance, Low-Energy Design is a full-day workshop that introduces strategies for designing and constructing sustainable laboratories in both new and existing facilities.

Separate Registration Required- \$350 for the full-day course. Register at www.i2sl.org/training/washington.html

Meetings

Please visit www.aecEcobuildFall.com for dates, times, admission policies, and information on additional registration if required.

- **The LEED® for Commercial Interiors Technical Review in Washington, DC**
- **Whole Building Design Guide Committee Meeting**
- **buildingSMART alliance™ International Symposium, Executive Committee Meeting and Board of Directors Meeting**
- **Facility Maintenance and Operation Committee Meeting (FMOC)**
- **The Inter-Agency Sustainability Working Group**
- **High Performance Building Council (HPBC)**
- **High Performance Building Congressional Caucus Coalition (HPBCCC)**
- **High Performance Building Energy Efficiency Roundtable (HPBEER)**
- **Athena EcoCalculator Advisory Council**
- **Specifiers Forum**
- **VIP Tour and Reception of the Green Building Center's home, the EnviroCenter in Jessup, Maryland**

If your company or agency would like to become an exhibitor or sponsor, please call 1-800-996-3863 for availability.

Visit www.aecEcobuildFall.com to view all detailed descriptions, speakers, and the complete agenda.

Register Today!