

# SUSTAINAPALOOZA is coming to Columbia, MO October 5!



Interesting seminars on sustainability and architecture will be presented by experts from around Missouri. Presentations include new developments in LED lighting, LEED version 4, Strawbale construction, LEED construction requirements, and more!

**WHEN & WHERE:** October 5, 2013 \* 9:00am - 2:00pm  
Columbia City Hall, located at 8th and Broadway, Columbia, MO

**CONTINUING EDUCATION:** GBCI and AIA CE Hours offered

**FEE:** \$40 for USGBC or AIA Members, \$60 for Non-Members.  
Day pass is free for fulltime students.  
Individual session registration available.

## Conference Schedule:

9:00 AM LED Lighting Advantages and Disadvantages

9:00 AM Best Practices in Cladding

10:00 AM Strawbale Construction

10:00 AM City Hall LEED Building Tour

10:00 AM LEED V4: A View From the Dumpster

11:00 AM Strawbale Demo Wall

11:00 AM LEED: A View from the Job Trailer

12:00 Noon – 1:00 PM – Lunch will be provided by local restaurant.

Cost included in full registration for the Sustainapalooza Day Pass. Meet and greet local Architects, Engineers and Builders involved in sustainable construction. Registrants that haven't signed up for a day pass can join us for an additional fee.

1:00 PM Basics of Green Building Presented by Lawrence Lile

1:00 PM Best Practices in Sheathing



Hosted by:



Missouri  
Gateway  
CHAPTER  
Mid-Missouri Branch



AIA Mid-Missouri

A Chapter of The American  
Institute of Architects

Click here to register  
or visit [www.usgbc-mogateway.org](http://www.usgbc-mogateway.org)

# SUSTAINAPALOOZA - Columbia, MO - Oct 5

## Session Descriptions

**9:00 AM Conference Room 1A LED Lighting Advantages and Disadvantages Presented by Cory Whyers.** The presentation will focus on the biggest change the lighting industry may ever face, LED technology. We will begin with a brief overview on what an LED is and why LED technology is superior to other lighting product types. Then we will discuss LED technology applications and limitations. LEDs are wonderful but every lighting need cannot be solved using LED technologies, yet. We will have a few new LED products on hand to showcase briefly when we talk about LED applications.

**9:00 AM – 10:00 AM Conference Room 1B Best Practices in Cladding** Join us for this AIA approved course on cladding and siding materials. What are best practices in this industry? What pitfalls are commonly missed? Are there details that should be paid attention to when cladding modern residential and commercial buildings? Presenter TBA.

**10:00 AM Conference Room 1A Strawbale Construction Presented by Adrienne Stolwyk.** Learn about the history, details, and impact of straw bale construction. Learn about the history of straw bale construction: where, when & why it came about. Participants will see images of some of the first straw bale homes. Explore the benefits of straw bale construction, including its high insulating value, low embodied energy, rapidly renewable source materials & friendliness to do-it-yourselfers.

**10:00 AM City Hall Lobby City Hall LEED Building Tour Presented by Barbara Buffaloe Sustainability Manager for the City of Columbia.** The City Hall Addition obtained its LEED Gold certification from the U.S. Green Building Council. Learn about the important features that made LEED Gold Certification possible on this important city landmark. The LEED rating system allows us to see our City Hall Addition's immediate, measurable impact on key concerns like energy conservation, global climate change and occupant health. We will proceed on the tour from the City Hall main lobby. Link to key features in our facility and website on the facility's LEED certification

**10:00 AM Conference Room 1B LEED V4: A View From the Dumpster Presented by Lawrence Lile.** Join us for a presentation on Construction & Demolition requirements in the next version of LEED. How have the requirements changed? What has remained the same? What does an Architect, Construction Professional or Construction Administrator need to know to make Construction Waste Diversion successful.

**11:00 AM parking Lot North of City Hall Strawbale Demo Wall Presented by Michelle Rook.** Got clay? Got straw? We will build a strawbale demonstration wall right behind City Hall in the parking lot! Join Michelle Rook as she leads a hands-on discussion of successful strawbale construction in the Midwest. Participants will help with bale tying, bale shaping and plastering a section of strawbale wall. Bring construction site appropriate clothes that you do not mind getting dirty—long sleeves, gloves and boots are recommended.

**11:00 AM Conference Room 1B LEED: A View from the Job Trailer Presented by Lawrence Lile.** What should a Contractor know to have a successful LEED Project? This course will cover Materials and Resources requirements, Indoor Air Quality requirements, Prerequisites, and other items that the Construction Professional needs to know for a successful project. Handouts will include samples of LEED plans, as well as tips from successful LEED projects.

**12:00 Noon – 1:00 PM – Lunch** will be provided by local restaurant [TBD] cost to be included in full registration for the Sustainapalooza Day Pass. Meet and greet local Architects, Engineers and Builders involved in sustainable construction. We will order lunch at 11:30, and folks that haven't signed up for a day pass can join us for an additional fee.

**1:00 PM – 2:00 PM Conference Room 1B Basics of Green Building Presented by Lawrence Lile.** An introduction to the LEED rating system, for general audiences. LEED was developed by the USBGC to quantify and encourage sustainable design. Lawrence will give an overview of the categories of LEED construction, using examples of projects he has been involved with.

**1:00 PM – 2:00 PM Conference Room 1A Best Practices in Sheathing** The most important water- and air-barrier layer in a wall is usually invisible. Find out with best practices Building Science has learned about the materials and details that make sheathing a success.

Join us on October 5 to learn more!

Click here to register or visit [www.usgbc-mogateway.org](http://www.usgbc-mogateway.org)