



## Catching Up to LEED Buildings

### 2013 Southern Symposium

FEBRUARY 19, 2013 | UNIVERSITY OF TEXAS AT AUSTIN | AUSTIN, TX (USA)

#### SYMPOSIUM THEME

Many universities set out to design, build, and operate their buildings more sustainably. What challenges and opportunities are they running into? Come learn more about campus sustainability policies, energy modeling, “greening” design and construction contracts, and operating and maintaining green buildings after completion. Following the panel dialogs, we will tour the LEED Gold Certified Student Activity Center.

#### LEARNING OUTCOMES:

1. Review methods, tools, and policies used by other institutions that could help your campus identify its green building goals and wider sustainability approach.
2. Explain building energy modeling to those unfamiliar with green building practices, including its uses, potential and limitations, input variables and how they are derived, and what it can tell us about energy use in the constructed facility.
3. Collect strategies for “green” design and construction contracts that ensure the final result will be as originally envisioned and allocate risk for failure to achieve LEED performance expectations, and review green insurance provisions.
4. Discuss how a green building impacts a campus, from students and faculty to the operations and maintenance team, while touring a recently completed LEED Gold project.

AIA 5.50 LU/HSW Hours  
GBCI CE 6.0 Hours

#### Save the Date!

SCUP 2013 Southern Regional Conference  
ATLANTA, GA | OCTOBER 20–22, 2013

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#### AGENDA

**9:00 AM–9:45 AM | REGISTRATION AND CONTINENTAL BREAKFAST IN BALLROOM**

9:45 AM–10:00 AM | Ballroom

#### Welcome

**Presented by:** Steven A. Kraal, Senior Associate Vice President, Campus Planning & Facilities Management, The University of Texas at Austin; John H. Russell, Director of Project Administration, Texas Tech University System Administration; Jim Walker, Director of Sustainability, The University of Texas at Austin

10:00 AM–11:00 AM | Ballroom

#### Panel Discussion:

#### How Does Your Campus Approach Sustainability?

**Moderated by:** Kimberly Hickson, FW Education + Culture Practice Area Leader, Gensler

**Presented by:** Richard Johnson, Director Of Energy And Sustainability, Rice University; Andy Kim, Director of Environmental Stewardship, Austin Community College District; Michele Van Hyfte, Manager Environmental Stewardship, Seton Healthcare Family; Jim Walker, Director of Sustainability, The University of Texas at Austin  
Many universities and colleges are exploring and making a commitment to sustainable buildings and operations. Each institution will present their current “sustainable” policy and will discuss their preference to register and certify their buildings with the United States Green Building Council’s (USGBC) Leadership in Energy and Environmental Design (LEED) program. Tools and programs are being developed internally by each institution for both internal learning and for external standards for use by designers and contractors.

11:15 AM–12:15 PM | Ballroom

#### Panel Discussion: Building Energy Model—Is My Building Performing per the Energy Model?

**Moderated by:** Mohit Mehta, Director, Sustainable Design, M-E Engineers, Inc.

**Presented by:** Mohit Mehta, Director, Sustainable Design, M-E Engineers, Inc.; John Mouritsen, Architect/Senior Resident Construction Manager (OFPC), The University of Texas System Office; Ryan Reid, Co-Founder, Internal Energy Solutions, LLC

The USGBC’s LEED rating system requires energy modeling to assess the energy use of a building and to quantify the

savings attributable to the proposed design. In many cases, architects and building owners are inexperienced with energy modeling and don't know how to harness this tool to inform the design and decision-making process. Properly used, energy modeling can help optimize the building design and allow the design team to prioritize investment in the strategies that will have the greatest effect on the building's energy use. The session will explain the modeling process and evaluate the validity of the output presented.

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12:15 PM–1:15 PM | Ballroom

**Lunch Presentation:**

**Strategies for “Greening” Design & Construction Contracts**

**Presented by:** John R Hawkins, Litigation Partner, Porter Hedges, LLC  
Successful green projects present unique issues and require that the parties involved in the project address certain issues in their contracts. Doing so will increase the likelihood of projects success and decrease the risk of disputes and lawsuits. What does your green building contract address in the areas of design, construction and consulting? Learn how to construct a framework to ensure success of the entire green building team.

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1:15 PM–2:15 PM | Ballroom

**Now Operate Your Green Building**

**Moderated by:** William S. Mullane, Executive Director, Facilities & Construction, Austin Community College District  
**Presented by:** John Gillum, Facilities Planning Manager, Austin Public Library; Richard Johnson, Director Of Energy And Sustainability, Rice University; Keith Reihl, Regional Vice Chair for Chapter Technology Transfer, Mitsubishi Cooling & Heating; John H. Russell, Director of Project Administration, Texas Tech University System Administration  
Green building measures cannot achieve their goals unless they work as intended. Building commissioning includes testing and adjusting the mechanical, electrical, and plumbing systems to ensure that all equipment meets design criteria. It also includes instructing the staff on the operation and maintenance of equipment. Over time, building performance can be assured through measurement, adjustment, and upgrading. Proper maintenance ensures that a building continues to perform as designed and commissioned. Universities and colleges are making changes to accommodate the new green buildings on campus, including maintenance processes and/or procedures.

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2:30 PM–3:30 PM | Ballroom

**Explore Real Life Examples of Green Buildings**

**Moderated by:** Robert Rawski, Regional Program Manager, Austin, The University of Texas System Office  
**Presented by:** Adam Bush, Project Manager, Overland Partners | Architects; Andy Kim, Director of Environmental Stewardship, Austin Community College District; Howard E. Kuecks, Associate Director for Campus Planning, The University of Texas at Austin; Christy Ten Eyck, President, Ten Eyck Landscape Architecture  
Learn from the real-life experiences of the project team. The UT Austin Student Activity Center has achieved LEED Gold certification and the team will discuss lessons

learned regarding the green roofs for the project. Another project team will discuss the opportunities and challenges of rainwater harvesting and water-efficient landscape. Learn what it took to design and build and also what was necessary for the university to operate and maintain the new green features. Austin Community College has made a commitment to achieve carbon neutrality and has added photovoltaic arrays to several campuses to reduce reliance on purchased electricity, one of the largest components of their carbon footprint.

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**CAMPUS TOUR**

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3:35 PM–4:35 PM

**Student Activity Center**

**Introduced by:** Robert Rawski, Regional Program Manager, Austin, The University of Texas System Office  
**Presented by:** Richard Archer, Principal, Overland Partners | Architects; Michael Uyeda, Senior Project Manager, The University of Texas System Office  
Tour the UT Austin Student Activity Center, LEED 2.2 Gold and see firsthand the green building in person. First the architect will review the project, the LEED points sought after and obtained, and the challenges that the team faced to accomplish the green building. The university project managers and architect will tour the attendees through the building to explore the green aspects.



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### American Institute of Architects (AIA)



SCUP is a registered provider of continuing education units from The American Institute of Architects (AIA).

If you are eligible to earn continuing education units from AIA, SCUP will report your attendance to AIA/CES. If you are an AIA member and have not already done so, please give us your AIA member number and let us know to report your attendance to AIA/CES.

### Green Building Certification Institute (GBCI)



SCUP is a provider of GBCI-approved courses for continuing education at this conference. Approved courses are peer-reviewed and monitored by the GBCI to ensure they uphold the quality, relevance, and rigor necessary to contribute to

ongoing learning in knowledge areas relevant to LEED professionals. LEED Professionals attending approved courses will earn continuing education (CE) hours towards fulfillment of Credential Maintenance Program (CMP) requirements. LEED Professionals self-report CE hours earned through the GBCI website: [www.gbci.org](http://www.gbci.org).

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—Terisa Remelius, Vice President, Student Affairs,  
Texas A & M University-Kingsville

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Contact Phyllis Grummon at [phyllis.grummon@scup.org](mailto:phyllis.grummon@scup.org).