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**Michael McMurphy/ *Boudreaux Group***  
**Barry Slayden/ *The Garland Co.***  
**Benjamin Taube/ *Environmental***  
**Manager, *City of Atlanta***  
**Franklin J. Smith, Jr./ *Richardson,***  
***Plowden, Carpenter & Robinson, P.A***

Whether they are called green roofs, living roofs or ecoroofs, roofs consisting primarily or entirely of growing plants are increasingly common. City Halls in Chicago and Atlanta, the new Ford factory in Michigan, the Philadelphia Fencing Academy, and private buildings across the country have them. The University of South Carolina's new West Quad Living Learning Center has one. They have been in widespread use in Europe for 25 years.

According to the EPA, many of the factors responsible for promotion of green roofs in Europe are also factors here, including implementation of stormwater fees or taxes, requirements to compensate for the loss of open space, and requirements to reduce loads on combined sewer systems. In addition, green roofs improve air and water quality, provide aesthetic benefits and lower utility bills.

Our speakers will explain how to plan and design for a green roof and how to ensure a reliable outcome.

School of the Environment  
 702G Byrnes Building  
 University of South Carolina  
 Columbia SC, 29208

September 23, 2004  
 Capstone Hall • USC  
 Columbia, SC

*Green*

*Raise the ^ Roof*  
 a green roof seminar



Sponsored by: USC School of the Environment,  
 SC Sustainable Universities Initiative,  
 USC University Housing

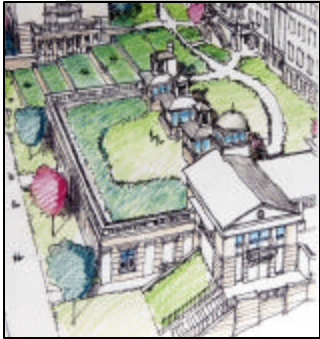
Green

# Raise the ^ Roof a green roof seminar

## Why You Should Plan to Come:

- Find out why green roofs are increasingly used around the country to lower utility bills, control stormwater, address environmental concerns.
- Some owners hesitate to specify green roofs because of concerns about quality and reliability. Find out how to ensure a high quality installation and reliable performance.
- Two case studies will offer an owner's and an architect's perspective on the pros and cons of green roofs, steps in the process of design and installation, and the role of a green roof in LEED construction.

The seminar is designed for architects, engineers, geologists interested in stormwater management, facility managers and owners. Continuing Education Units will be offered, pending approval.



Plus a tour of USC's new green dorm to wrap up the day.

University Housing's West Quadrangle is a 500-bed Living Learning complex. The \$29 million project integrates technology, design, sustainability and learning and is seeking LEED certification as a green building. The complex will be among the first LEED certified buildings in South Carolina and one of only a few certified green residence halls in the world.

• **Thursday September 23 •**  
**Capstone Hall, USC**  
**Columbia South Carolina**

## Schedule of Events

- **8:30 AM- 9:00 AM**.....Coffee and Registration
- **9:00 AM-9:30 AM**.....Welcome and Overview
- **9:30 AM- 10:15 AM**....Ensuring High Quality- Infrared Scanning
- **10:15 AM- 10:30 PM**.....Break
- **10:30 PM- 11:30 PM**....Ensuring High Quality- Contracts, Warranties, and Legal Remedies
- **11:30 PM- 12:15 PM**....Case Study:  
City of Atlanta's Path to Green Roofs and Storm Water Management
- **12:15 PM- 1:00 PM**....Lunch
- **1:00 PM- 1:30 PM**....Case Study:  
SC Pioneer- Green Roof at USC's West Quad
- **1:30 PM- 3:00 PM**....Tour Green Roof and Living Learning Center



Green Roof in Atlanta GA

## Contact Information

Please mail check for \$100- made out to USC Educational Fund- to:  
Dr. William Bailey  
School of the Environment  
702G Byrnes Building  
University of South Carolina  
Columbia SC, 29208  
Email questions to: [bbailey@environ.sc.edu](mailto:bbailey@environ.sc.edu)

## Registration Form

Registration due by September 9

Name

Organization

Address

Phone/Email

Circle One: P.E. P.G Architect

Other \_\_\_\_\_  
Professional Development/CEU's offered.



Directions to Parking: Heading east on GERVAIS Street, turn right onto BARNWELL. The Barnwell Street Parking lot will be 2 blocks on your right. Capstone is across the street to the east. Check the USC web Site for a map: <http://www.sc.edu/cgi-bin/uscmmap/overview.cgi>