2011 URBAN DESIGN LECTURE SERIES

Event: Lecture by McKim&Creed, P.A

Speakers: Don Safrit and Richard Collier, P.E.

Date and time: January 18, 2011, 7:00 p.m.

Location: SCAD Student Center

Sponsor: Organization for Collaborative Urbanism

Lecture Chair: Chris Kinlaw
About OCU

**Mission:**
The Organization for Collaborative Urbanism seeks to bring the SCAD academic community into an ongoing collaborative relationship with the City of Savannah, the greater public, and the private sector, promoting and sharing ideas on urban form, city planning, design, and architecture in the urban context.

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Non-Traditional Sources of Water: Moving our Communities Towards More Sustainable Water Use

Lecture 1 of 2 in the SCAD Urban Design Lecture Series event

Speaker: Don Safrit, McKim & Creed P.A.

Date and time: January 18, 2011, 7:00 p.m.

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Lecture Chair: Chris Kinlaw
Lecture Summary

Title: Non-Traditional Sources of Water: Moving our Communities Towards More Sustainable Water Use

The discussion will focus on the use of non-traditional sources of water such as graywater, harvested rainwater, stormwater and reclaimed water. Aspects of presentation include definitions/terminology, drivers for reuse, benefits / impediments for reuse, practical applications for water reuse (outdoors and indoors), and what we may be doing in the future to conserve water and energy by recycling/reusing water.

Don Safrit

Office: McKim & Creed, P.A.

243 North Front Street

Wilmington, North Carolina 28401

(910) 343-1048

Degree(s) and University or College: B.S., Chemical Engineering, North Carolina State University

Specialties: Land planning, environmental, stormwater

Mr. Safrit is the Senior Technical Specialist at McKim&Creed, P.A. He has more than 25 years experience in water quality. This experience includes more than 13 years with the North Carolina Division of Water Quality. Don is very knowledgeable in regulatory matters including NPDES and non-discharge permitting, permit adjudications/disputes, compliance and enforcement, wastewater treatment, wastewater collection and pump stations, spray irrigation systems, reuse programs, and stormwater programs.

Don has been very active with the North Carolina American Water Works Association / Water Environment Association (NC AWWA/WEA) for more than 15 years. In addition to presentations at numerous annual and specialty conferences, Don has served as both Vice Chair and Chair of the Reuse Committee. Don is currently serving a second term as Chair of the Reuse Committee.
Green Stormwater Solutions: Moving Towards Sustainable Stormwater Design

Lecture 2 of 2 in the SCAD Urban Design Lecture Series event

Speaker: Richard Collier, P.A., McKim&Creed P.A.

Date and time: January 18, 2011, 7:00 p.m.

Location: SCAD Student Center

Sponsor: Organization for Collaborative Urbanism

Lecture Chair: Chris Kinlaw
Lecture Summary

**Title: Moving towards sustainable stormwater design**

The discussion will focus on sustainable stormwater design solutions. Design comparisons will be made between Low Impact Development (LID) and Conventional Design. The broad aspects of the presentation include stormwater runoff reduction, through infiltration and rainwater harvesting, as well as stormwater treatment, through filtration, retention and detention.

**Richard Collier, P.E.**

**Office:** McKim & Creed, P.A.

243 North Front Street

Wilmington, North Carolina 28401

(910) 343-1048

**Degree(s) and University or College:**

- A.A.S. Architecture, Fayetteville Technical Institute
- Civil Engineering, North Carolina State University

**Specialties:** Land planning, environmental, stormwater

Mr. Collier has more than 23 years of civil engineering experience with both private and public sector clients. With a particular focus on helping clients solve their stormwater and drainage issues, Mr. Collier’s expertise includes rainwater harvesting, stormwater BMP’s, coastal stormwater engineering, and Low Impact Development design philosophy. In addition to his stormwater focus, Mr. Collier’s skills include civil site development, municipal engineering, environmental engineering, roadway design and hydraulic/hydrologic studies.

Mr. Collier also serves on the seven-member New Hanover County planning board, which provides direction in development and long-range planning activities within the county.