



**North Inlet -Winyah Bay
National Estuarine Research Reserve**

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Pervious Concrete: Installation, Efficacy, and Economics

To: Civil engineers, developers, planners, stormwater managers, and environmental interests
Subject: Training on the use of pervious concrete for stormwater management

The North Inlet – Winyah Bay Coastal Training Program (CTP), in partnership with Coastal Carolina University’s Waccamaw Watershed Academy (both core education providers in the Coastal Waccamaw Education Consortium - www.northinlet.sc.edu/training/stormwater_education/index.htm), is pleased to offer a technical workshop on the use of pervious concrete for stormwater management on **Wednesday, August 17** at the Waccamaw Campus of Coastal Carolina University.

This training event is the latest installment in a series of technical sessions focusing on innovative stormwater Best Management Practices. This event is intended to provide the design and engineering community with participatory, technical training about the installation, effectiveness, and maintenance of pervious concrete for stormwater management. A draft agenda for this event is included with this mailing. **Completion certificates for submission to the SC Board of Registration for Professional Engineers and Land Surveyors will be available.** For additional details, please visit the ‘Upcoming Events’ section of CTP website: www.northinlet.sc.edu/training

The conference facility is located at 160 Willbrook Boulevard, west of Hwy 17, next to the Hampton Inn in Litchfield. Coming south on Hwy 17, turn right at the second stoplight after Brookgreen Gardens. Coming north on Hwy 17, turn left at the Willbrook stoplight at the Piggly Wiggly Market Village. There is no registration fee for the workshop. However, seating is limited, and registration will be on a first come, first serve basis. Please pre-register by returning the form below (mail or fax) by **August 10th**. A box lunch will be available for around \$6-\$8, or attendees are welcome to bring their own lunch. Please check the lunch option on the registration form below and plan to pay during sign-in on morning of the 17th. Please share this announcement with colleagues who may be interested in the event. We look forward to seeing you on August 17th!

Registration Form
Pervious Concrete: Installation, Efficacy, and Economics
Wednesday, August 17th, 2005

_____ Yes, I plan to attend *Pervious Concrete* on August 17th
_____ I am unable to attend this event but would like information on future training events

Name: _____
Affiliation: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
E-mail: _____

_____ I plan to purchase a box lunch (\$6-\$8) at sign-in on August 17th _____ **Vegetarian**

Please return to: Jan Blakely, PO Box 1630, Georgetown, SC 29442; Fax: 843.546.1632 by **Wednesday, August 10th**



Pervious Concrete: Installation, Efficacy, and Economics

Wednesday August 17, 2005
Litchfield Campus of Coastal Carolina University

Sponsored by the North Inlet – Winyah Bay Coastal Training Program (CTP),
In partnership with Coastal Carolina University’s Waccamaw Watershed Academy*
Core education provider in the Coastal Waccamaw Stormwater Education Consortium

Pervious Concrete—when properly installed and maintained—is an efficient, cost-effective, and underutilized tool for managing stormwater runoff. By allowing stormwater to infiltrate in areas (such as parking lots, driveways, and sidewalks) that are conventionally covered with impervious materials, pervious concrete can greatly increase on-site retention of stormwater, thus reducing the need for off-site stormwater detention or treatment and helping to protect the quality of down stream natural waterways. This training event is intended to provide the design, engineering, and stormwater management communities with participatory, technical training about the use of pervious concrete for stormwater management.

DRAFT Agenda

- 8:30 **Registration and Sign-In**
- 9:00 **Welcome and Overview**
Jeff Pollack, North Inlet-Winyah Bay Coastal Training Program
- 9:15 **Pervious Concrete: Introduction and Overview**
Bill Arent, P.E., Carolinas Ready Mix Concrete Association
- 9:45 **Current Research Review of Pervious Concrete: Material Properties
and Environmental Applications for Runoff Control**
Dr. Liv Haselbach, Civil & Environmental Engineering Department, USC
- 10:30 BREAK
- 10:45 **Economic Comparison of Pervious Concrete to Conventional
Stormwater Management Strategies**
Dr. Ken Harrison, Civil & Environmental Engineering Department, USC
- 11:30 **Installation and Troubleshooting: the Contractor’s Perspective**
Dale Fisher, Pervious Concrete, Inc.
- 12:15 LUNCH
- 1:00 **The Local Regulatory Perspective**
Tom Garigen, Horry County Stormwater Management
- 1:15 **Work Session: Hydrologic Analysis and Pervious-Impervious Tradeoff (PIT) Models**
- 2:45 Wrap-up and Evaluations
- 3:00 Adjourn