



A Local Technical Assistance Program - LTAP

# ALABAMA TECHNOLOGY TRANSFER CENTER

AT AUBURN UNIVERSITY

Presents Seminars on:

## Erosion & Sediment Control Hands-On Field Installer Workshop

Auburn, AL – November 15-16, 2017

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## Innovative Erosion & Sediment Control Field Day

Opelika, AL – November 17, 2017

Two separate training events are being offered to provide industry participants education on implementation tools and installation techniques to provide efficient and effective erosion and sediment controls in both horizontal and vertical construction in an effort to improve environmental compliance and water quality. These seminars should be of interest to: consultants, contractors, engineers, installers, project managers, superintendents, and state/county/municipal agency personnel.

**Erosion & Sediment Control Hands-On Field Installer Workshop:** This 1.5 day event will focus on providing classroom and hands-on training geared for participants involved in the installation of construction site erosion and sediment control practices. A half-day classroom component will cover a wide variety of topics that will be reinforced with field installations during the full day field component. The field component will be held at the Auburn University – Erosion and Sediment Control Testing Facility and will include trainee participation to install erosion and sediment control practices in a typical field setting and will include channelized flow demonstrations to show the effectiveness of properly installed practices. Participants will gain knowledge in governing compliance regulations, leadership tactics, and hands-on installation and implementation tools to provide efficient and effective erosion and sediment controls. To provide an interactive and personalized learning environment, **registration is limited to 75 participants**. A fee of \$450.00 per person should be mailed with your registration. Participants are encouraged to also register and attend the field day.

**Innovative Erosion & Sediment Control Field Day:** This field day will provide industry participants exposure to innovative research being performed on commonly employed construction site erosion and sediment control practices with hands-on field demonstrations. The field instructional session will be held at the Auburn University – Erosion and Sediment Control Testing Facility (AU-ESCTF) and provide attendees with an opportunity to learn proper design and installation techniques on various erosion and sediment controls to achieve improved performance, and observe full-scale, channelized flow demonstrations. A fee of \$150.00 per person should be mailed with your registration. Vendor opportunities are available at \$300.00 (1 representative) plus an additional \$150.00 (for each additional representative). Sponsorship opportunities are also available at \$500.00 (Break Sponsor + 1 Registration) and \$750.00 (Lunch Sponsor + 1 Registration).

Payment may be made online, by phone, or fax if paying with Visa, MasterCard, American Express, Discover, or Government agency purchase order. **Registrants are reminded that registration is not complete until payment is made.** The registration fee includes handout materials, break refreshments, lunch (except for Wednesday half-day) and a certificate of participation. Thank you for your continued support of the Alabama Technology Transfer Center. Rod Turochy, Larry Sellers, and Garry Havron look forward to your participation in these seminars.

**QCI Refresher Training (Thompson Engineering):** Students who hold current ADEM Qualified Credentialed Inspector (QCI) certifications from Thompson Engineering may satisfy their annual refresher training requirements by participating in either of the events (or both) and taking a short online refresher course at a time of their choosing consistent with their expiration dates. An additional fee of \$25 is required to renew QCI credentials. Please contact Cindy Roton (Thompson Engineering Stormwater Training Coordinator) at 251-666-2443 or [QCI@thompsonengineering.com](mailto:QCI@thompsonengineering.com) for more information.

# *Seminar Schedule and Topics*

## **Erosion & Sediment Control Installer Workshop**

**Wednesday, November 15, 2017**

*Auburn University - Holiday Inn Express & Suites Auburn - University Area  
2013 S College Street, Auburn, AL 36832*

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12:30 – 12:40	Welcome and Introduction
12:40 – 1:00	Managing Stormwater: Erosion Control vs. Sediment Control
1:00 – 1:20	Controlling the Erosion: Blankets, Buffers, Slope Drains, & Stockpile Management
1:20 – 2:00	Protecting the Perimeter: Sediment Retention Barriers
2:00 – 2:35	Inlet Protection Practices
2:35 – 2:50	BREAK
2:50 – 3:25	Speed Limits: Ditch Check Practices
3:25 – 4:10	Treat it Before it Leaves: Sediment Basin
4:10 – 4:35	Site Stabilization & Site Housekeeping
4:35 – 5:00	Closing Remarks and Day 2 Overview

**Thursday, November 16, 2017\***

*Auburn University - Erosion and Sediment Control Testing Facility  
1600 Lee Rd. 151, Opelika, Alabama, 36804*

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8:30 – 8:45	Welcome and Introduction (General Safety Topics)
8:45 – 10:00	Rotation 1: Erosion Control Blankets / Slope Drains & Slope Interrupters
10:00 – 10:15	BREAK
10:15 – 12:00	Rotation 2: Ditch Check / Inlet Protection Installation
12:00 – 1:00	LUNCH
1:00 – 2:15	Rotation 3: Sediment Basins / Perimeter Controls
2:15 – 2:30	BREAK
2:30 – 5:00	Demos: Sediment Basin, Slope Drains, Ditch Check, Skimmers, Inlet Protection

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Note: \*Events will be held rain or shine. Attendees are encouraged to wear appropriate footwear and bring a rain jacket for field sessions in case of rain.

## **Innovative Erosion & Sediment Control Field Day**

**Friday, November 17, 2017\***

*Auburn University - Erosion and Sediment Control Testing Facility  
1600 Lee Rd. 151, Opelika, Alabama, 36804*

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8:30 – 8:40	Welcome and Introduction	11:15 – 11:30	Hydromulch Application Demo
8:40 – 8:50	Construction Exit Pad and Housekeeping	11:30 – 12:30	LUNCH
8:50 – 9:10	Stock Pile Management	12:30 – 12:50	Inlet Protection Practices
9:10 – 9:30	Erosion Control Blankets Demo	12:50 – 1:40	Sediment Basin Demo
9:30 – 9:45	Sediment Retention Barriers Demo	1:40 – 1:55	BREAK
9:45 – 10:00	BREAK	1:55 – 2:15	Surface Skimmer Demo
10:00 – 10:40	Ditch Check Practices Demo	2:15 – 2:25	Floating Turbidity Barriers
10:40 – 11:00	Silt Fence & J-Hooks Installation Demos	2:25 – 3:30	Channelized Testing Demo
11:00 – 11:15	Slope Interrupters & Slope Drains Demo	3:30 – 4:00	Vendor Interaction & Free Time

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Note: \*Events will be held rain or shine. Attendees are encouraged to wear appropriate footwear and bring a rain jacket for field sessions in case of rain.

### *Seminar Instructors*

**Wesley C. Zech**, PhD, LEED AP, Brasfield & Gorrie Professor of Construction Engineering and Management, Dept. of Civil Engineering, Auburn University

**Wesley N. Donald**, PhD, CPESC, Research Fellow IV, Dept. of Civil Engineering, Auburn University

**J. Blake Whitman**, Graduate Research Assistant, Dept. of Civil Engineering, Auburn University

**Dakota L. Basham**, Graduate Research Assistant, Dept. of Civil Engineering, Auburn University

### *Continuing Education Units*

Participants completing the Installer Workshop will receive 1.0 Continuing Education Units (CEUs). Participants completing the Field Day will receive 0.6 CEUs. The CEU is a nationally accepted measure of continuing education credit and is awarded at the rate of one CEU for each ten contact hours of qualifying instruction. Auburn University makes every effort to ensure that its CEU granting programs conform to the requirements of the State of Alabama Board of Licensure for Professional Engineers and Land Surveyors for the award of Professional Development Hours to support the annual renewal of professional licensure.

### *Sponsorship*

This seminar is one of the series of conferences and workshops being conducted as part of the Alabama Technology Transfer Center at Auburn University. This program is a part of the Local Technical Assistance Program (LTAP) supported by the Federal Highway Administration, the Alabama Department of Transportation and Auburn University.

This seminar is the 351st offered, with more than 40,000 attendees, since the program's inception in 1983. The Alabama Technology Transfer Center is administered at Auburn University through the Engineering Continuing Education office and the Department of Civil Engineering. For further information and suggestions for future programs, contact Rod Turochy, Department of Civil Engineering, at 334-844-6271 or [rodturochy@auburn.edu](mailto:rodturochy@auburn.edu)

### *Accommodation of Participants with Disabilities*

It is the policy of Auburn University to provide accessibility to its programs and reasonable accommodation for persons defined as having disabilities under the Americans with Disabilities Act of 1990. Please contact us at least two weeks prior to the event so that proper consideration can be given to any special needs.

### *Cancellation Policy*

We understand that circumstances may arise that could require you to cancel your registration, and we make every effort to accommodate your needs. Due to commitments to our instructors and facilities, the registration fee is not refundable if a registrant withdraws less than five working days before the seminar. You may substitute registrants; please notify us in advance if possible. Non-paid, no show registrants will be invoiced for the full cost of the seminar. Engineering Continuing Education reserves the right to cancel or modify any program offering, but will provide registrants the option of a full refund. Auburn University will not be responsible for expenses incurred by a registrant as the result of a cancelled or rescheduled program.

### *Registration*

Your pre-paid registration guarantees you a seat in the seminar as well as information on any changes to the seminar. Registration on the day of the seminar will be accepted on a space available basis, but enrollment will close when the capacity of the seminar is reached. **Participants are reminded that registration is not complete until payment is received.**

# Erosion & Sediment Control Hands-On Field Installer Workshop & Field Day

Select one or both:  Hands-On Field Installer Workshop: Nov. 15-16, 2017  Field Day: Nov. 17, 2017

Please print or type; register one person per form; photocopy if more forms are needed.

Name \_\_\_\_\_

Employer \_\_\_\_\_ Position \_\_\_\_\_

DOT Division/Bureau \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_



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UNIVERSITY

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Engineering Continuing Education  
Samuel Ginn College of Engineering  
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**Erosion & Sediment Control Hands-On Field Installer Workshop**  
• Auburn, AL – Nov. 15-16, 2017

**Innovative Erosion & Sediment Control Field Day**  
• Opelika, AL – Nov. 17, 2017

- Installer Workshop Participant Fee: \$450.00
- Field Day Participant Fee: \$150.00
- Field Day Vendor Fee: \$300.00 (1 person) plus \$150.00 per extra rep.

**Field Day Sponsorship Opportunities:**

- \$500.00 (Break Sponsor and 1 Field Day Registration)
- \$750.00 (Lunch Sponsor and 1 Field Day Registration)

Payment by:  Check (Payable to Auburn University)

Visa  MasterCard  American Express  Discover  P.O. # \_\_\_\_\_

Credit Card # \_\_\_\_\_

3 or 4 digit code # \_\_\_\_\_ Expiration Date \_\_\_\_\_

(VISA/MC/DISC, three digit on the back; AMEX, four digit on the front)

Cardholder's Name \_\_\_\_\_

Signature \_\_\_\_\_

Are you an Auburn Alumnus?  Yes  No

**Return Registration Form and Payment to:**

Engineering Continuing Education  
217 Ramsay Hall  
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Phone 800-446-0382 or 334-844-4370  
Fax 334-844-5715  
[www.engce.auburn.edu](http://www.engce.auburn.edu)