

## **Update on the Sedimentation Education Program**

### ***Presentations/Exhibits***

The Sediment Education Specialist has been invited by the Soil and Water Conservation District Representative to participate in the Area 7 Envirothon on March 23, 2017 at Jones Lake State Park, Bladen County. Teams of middle and high school students, across the region, come together for an ecology field day/competition. Teams are tested on their knowledge of natural resources in the following subject areas: Wildlife, Soils, Forestry, Current Environmental Issues and Aquatics.

The Sediment Education Specialist has been invited to attend West Pender Middle School in Burgaw during May to participate in a Career Fair. Students in grades 6-8 will be able to talk with various representatives to learn about their respective career fields and educational backgrounds. The students will have the opportunity to explore displays, and ask questions about the industries represented. Invited guests include companies that represent all of the career clusters identified by the United States Department of Education. The Division of Energy, Mineral, and Land Resources will represent the Agriculture, Food, and Natural Resources Career Cluster.

### ***Workshops***

#### **Fall E&SC Design Workshops-Update**

The Division of Energy, Mineral, and Land Resources was able to partner with the Southeast Chapter of the International Erosion Control Association (IECA) and NCSU Department of Crop & Soil Sciences for the fall 2016 Innovative Erosion and Sediment Control Design Workshop. There were approximately 130 people (includes all guests, speakers, staff and exhibitors) in attendance for the training session. The workshop highlighted the following:

- State and local program representatives provided updates on the latest regulatory changes and approaches to successful plan approval.
- Research updates suggested how systems can be improved for better performance.
- Vendors displayed the latest products on hand to help attendees achieve cost-effective compliance.

There were many helpful suggestions provided by attendees on the evaluation forms, which will be beneficial for planning future events. DEMLR staff is hopeful for future opportunities to partner with the SE IECA for additional training sessions.

#### **Annual Workshop and Banquet for Local Programs**

The 2017 Local Programs Annual Erosion and Sedimentation Control Workshop is scheduled for March 28-29 at the Renaissance Centre in Wake Forest, NC. Accommodations are planned for two representatives from each of the 53 local programs to attend the training.

Awards are presented each year to recognize one large and one small local government that have excelled in erosion and sedimentation control efforts. Nominations will be submitted by the regional offices for final selections to be determined by staff. The workshop will conclude with an awards luncheon to recognize the winners for their accomplishments.

### ***Training***

The Sediment Program was able to arrange a training opportunity for 23 DEMLR and 3 Local Program staff, which will be available through spring 2017. Priority was given to those possessing certifications with continuing education requirements. The Sediment and Erosion Control for Construction Projects-Master Class Series is a webinar training offered through Forester University. This is an opportunity for a comprehensive workshop series exploring the ins and outs of effective sediment and erosion control plan design and review for construction sites. There are six modules in the class series:

Module 1 - Evaluating Erosion, Sediment & Sedimentation on Construction Sites

Module 2 - Limitations of Commonly Found Construction Sediment Control BMPs

Module 3 - Designing Effective Construction Sediment Containment Systems

Module 4 - Using Erosion Control BMPs on Construction Sites

Module 5 - Effective S&EC Plans - What Designers & Reviewers Need to Understand and Complete

Module 6 - Effective S&EC Plans - Calculating Performance Goals and Plan Effectiveness

This series is based upon and works through the associated chapters in Jerald S. Fifield's *Designing and Reviewing Effective Sediment and Erosion Control Plans* (3rd ed.), and is presented as an intermediate to advanced exploration of erosion, sediment, and sedimentation. (\* Presentations are scheduled for approximately one hour with a 15-20 minute question and answer session to follow.)