

SEDIMENTS

Newsletter of the North Carolina Sedimentation Control Commission

About Sediments

SEDIMENTS is a newsletter published by the State of North Carolina’s Department of Environmental Quality’s Division of Energy, Mineral, and Land Resources and the North Carolina Sedimentation Control Commission to provide information and assistance to the regulated community and to facilitate communication among personnel of state and local erosion and sedimentation control programs.

Sediments is available in electronic form at:

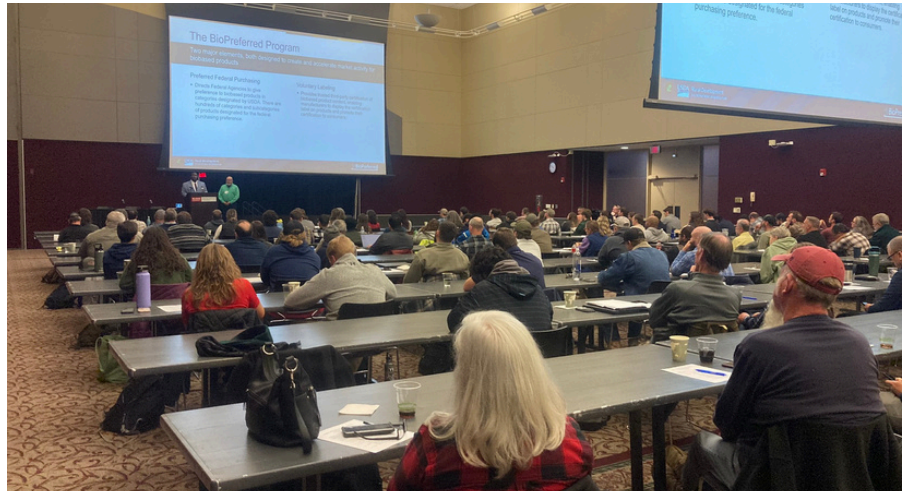
<https://deq.nc.gov/SEDIMENTS>

And via the WRII Sediments listserv.

To subscribe follow the directions at:

<https://wrii.ncsu.edu/contact-us/listserv/>

Send comments to the [Sediment Education Specialist](#).



2024 NC E&SC Workshop

Presented by: NCDEQ - Land Quality Section

In partnership with:

NCSU Dept. of Crop & Soil Science;

SE Chapter - International Erosion Control Association
The Annual North Carolina Erosion and

Sedimentation Control Workshop was held on December 5, 2024, in Raleigh. This workshop was presented by the NCDEQ - Land Quality Section in partnership with NCSU’s Department of Crop & Soil Sciences and the Southeast Chapter of the International Control Association (SE-IECA). This workshop is meant to educate and familiarize design professionals, contractors, inspectors, developers, local governments, and other erosion control professionals with new erosion and sediment control requirements and practices.

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2024 North Carolina Erosion & Sediment Control Workshop

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This year registrants again had two options for how they could participate in the workshop. The first option was to attend the workshop in-person for a combination of morning presentations plus an in-the-field afternoon session. The second option allowed registrants to join the workshop virtually for the morning presentations only. In total 138 participants attended the full day in-person workshop and 58 attended the half day virtual workshop and 8 vendors attended.

Morning presenters included representatives from the NCDEQ Erosion and Sediment Control Program's Central and Regional Offices, NCDEQ's Division of Coastal Management, The Town of Cary, the USDA, the BEG Group LLC, and NCSU's Department of Crop and Soil Sciences. Topics included program updates and overviews, product and label overviews, and research updates. The afternoon field demonstrations/presentations were conducted by NCSU staff and students and workshop vendors. Field topics and demonstrations ranged from the use of flocculants, drones, skimmers, porous baffle functions and different wattles and check dam options to construction entrances and a rainfall simulation.

The workshop materials can now be accessed on the 2024 NC E&SC event page: <https://deq.nc.gov/2024-nc-esc-workshop>. If you have any topic suggestions or would like to present at a future program, contact the Sediment Education Specialist. Future workshop dates will be posted to the E&SC homepage as they become available:

<http://deq.nc.gov/E&SC>



*Pictured on the left is the flocculant demonstration, and on the right are types of construction entrances.
Photo Credit: Rebecca Coppa, NCDEQ*



Project WET: A Foundation in Water Education

By Rebecca Coppa, DEQ-DEMLR, Sediment Education Specialist

What is Project WET?

Project WET, or Water Education Today, is an international nonprofit based in Missouri with the mission of “advancing water education to understand global challenges and inspire local solutions.” Project WET has been researching, writing and publishing award winning water education materials since 1984.

Watch [this short video](#) to learn more about Project WET.

What is “The Foundations of Water Education” guide?

“The Foundations of Water Education” educator guide is the latest addition to Project WET’s extensive collection of water education materials. Which includes activity books, educator guides, maps, posters, and downloadable materials. This new guide is packed with updated versions of the 12 most popular activities from the old Project WET 2.0 Guide! The Foundations of Water Education guide empowers formal and non-formal educators to integrate essential water literacy concepts into their curriculum/program. The activities are aligned to standards, gives K-12 formal and non-formal educators tools to incorporate water education into every school subject, and can be used in the classroom or outdoors; what’s not to love?

Where can I find Project WET Materials?

While many of Project WET’s education materials are available on the [Project WET website](#), The Foundations of Water Education guide is only available by completing the online training, a part of the River Membership platform, or attending a workshop with one of the Project WET State Coordinators/Facilitators. In North Carolina, Project WET is housed within DEQ’s Division of Water Resources’ (DWR) Education Program. Upcoming Project WET NC Workshops can be found on [DWR’s website](#).

Who Should Attend a Workshop?

Anyone who teaches about water inside or outside of the classroom. So that can be formal preK-12 teachers, non-formal educators, homeschooling parents, or professionals who also do education outreach.

Why Should I Attend a Workshop?

First off, you’ll receive a Project WET Guide. Project WET NC Workshops are also fun, collaborative, demonstrate Project WET activities, and showcases various resources available through NCDEQ. So, if you want to learn more about how to incorporate water education into your curriculum, program, or community outreach, sign up for a workshop today! Not convinced? Check out some of the photos from past workshops on page 4.



Project WET: A Foundation in Water Education

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Sum of the Parts

In this activity participants learn about how different land uses can contribute to or prevent pollution from going into local waterways, and the cumulative impact to those downstream.

Macroinvertebrate Mayhem

In this activity participants play a game of tag to simulate how different environmental stressors impact macroinvertebrate populations.



H2O Olympics

In this activity participants learn about water's properties of cohesion and adhesion.

Blue River

In this activity participants use their whole bodies to simulate and explore the movement of water through a river and its watershed during different seasons.



Water for All

In this activity participants learn about different water users and simulate community challenges by carrying a shared water can through obstacles.

Your NC Project WET

State Coordinators

Lauren Daniel (left)

Rebecca Coppa (right)



The NC Sedimentation Control Commission

The Sedimentation Control Commission (SCC) was created to administer the Sedimentation Control Program pursuant to the NC Sedimentation Pollution Control Act of 1973 (SPCA). It is charged with adopting rules, setting standards, and providing guidance for the implementation of the Act. The composition of the Commission is set by statute to encompass a broad range of perspectives and expertise in areas related to construction, industry, government, and natural resource conservation and quality. All members are appointed by the Governor and serve three-year terms, except for the Director of the Water Resources Research Institute of the University of North Carolina, who serves as long as they remain Director. The chairman of the SCC is named by the Governor.



NC SCC: August Actions

At its hybrid meeting on August 1, 2024, the NC Sedimentation Control Commission (SCC) took the following actions:

Delegated Local Programs

- Buncombe County: Voted to continue their delegation authority with review for 2 quarters.
- Town of Clayton: Voted to place them on probation for an additional quarter.
- Johnston County: Voted to continue their delegation authority.

NC SCC: November Actions

At its hybrid meeting on November 21, 2024, the NC Sedimentation Control Commission (SCC) took the following actions:

- Mr. Michael L. Holder swore the oath of office, replacing Mr. Mark Taylor as the representative for NC Professional Engineers.
- NCDOT Annual Program Review: Voted to continue their delegation

Delegated Local Programs

- Buncombe County: Voted to move the follow up review from the first quarterly meeting in 2025 to the second quarterly meeting. Buncombe County was one of the counties impacted by Hurricane Helene.
- Town of Clayton: Voted to continue their delegation authority.

The NC SCC Members

Chair:

Dr. Susan White

Water Resources Research Institute

Commissioners:

Mr. Steven Wilson

NC Home Builders Association

Ms. Marion Deerhake

NC Environmental Management
Commission

Mr. Michael Taylor

Associated General Contractors

Mr. James Lamb

NC Soil and Water Commission

Mr. Benjamin Brown

NC League of Municipalities &
Association of County Commissioners

Dr. Rich McLaughlin

NCSU, Dept. of Soil Science

Mr. Michael Holder

Professional Engineers of NC

Mr. Ryan Carter

Non-governmental Conservation

Ms. Emily Sutton

Non-governmental Conservation

Mr. David Beck

NC Public Utilities

Dr. Kenneth Taylor

NC Mining Commission



NC SCC & Committee Information

The SCC currently has three active subcommittees, including the Civil Penalty Remissions Committee, the Commissions Technical Committee and the Ad-hoc Committee.

Meeting dates, times, location information and materials for scheduled meetings of the SCC and its Committees can be found on the SCC's website:

<https://deq.nc.gov/about/divisions/energy-mineral-land-resources/sedimentation-control-commission>

Upcoming SCC Meetings

Thursday, Feb. 6, 2025

Tuesday, May 20, 2025

Thursday, Aug. 21, 2025

Thursday, Nov. 20, 2025



All meetings are at 10 a.m.

Ground Floor Hearing Room

Archdale Building

512 N. Salisbury Street Raleigh, NC

Schedule and location of meetings is subject to change. Public notice of any changes will be given pursuant to NCGS 143-318.12

WE ARE HIRING

Environmental
Enthusiasts



Why Apply to Work for NCDEQ?

Make an impact: Join a team dedicated to improving the health and prosperity of all North Carolinians!

- Growth Opportunities: Professional development and career advancement opportunities.
- Culture: Value of collaboration, creativity, innovation, diversity, and teamwork.
- Competitive Benefits: Options that will enhance your quality of life, health, wellness, and future.

Check out our job postings here: <https://lnkd.in/g2UXSVqd>

DEQ's STEP Summer Internship Program's application period opens soon:

<https://www.deq.nc.gov/about/divisions/deq-administrative-divisions/human-resources/deq-internship-opportunities>

LQS Regional Offices' Contact Information

Personnel of the Land Quality Section (LQS) of the NC Department of Environmental Quality provide information and assistance for the implementation of the NC Erosion and Sedimentation Control Program. For assistance, please contact the appropriate Regional Office or the Raleigh Central Office listed below:

Asheville Regional Office

Phone: (828) 296-4500

Regional Engineer:

Stanley Aiken

Raleigh Regional Office

Phone: (919) 791-4200

Regional Engineer:

Bill Denton

Winston-Salem Regional Office

Phone: (336) 776-9800

Regional Engineer:

Tamera Eplin

Fayetteville Regional Office

Phone: (910) 433-3300

Regional Engineer:

Tim LaBounty

Washington Regional Office

Phone: (252) 946-6481

Regional Engineer:

Samir Dumpor

Raleigh Central Office

Archdale Building

Phone: (919) 707-9220

Mooresville Regional Office

Phone: (704) 235-2100

Regional Engineer:

Jerry Eplin

Wilmington Regional Office

Phone: (910) 796-7215

Regional Engineer:

Dan Sams

Who Do I Call?

If you have questions or concerns related to erosion and sedimentation control or off-site sedimentation from construction in NC, contact the appropriate local program, LQS regional office, LQS central office or the toll-free hotline.



Local program information:

<https://deq.nc.gov/about/divisions/energy-mineral-land-resources/erosion-sediment-control/local-government-programs>

Toll-Free Hotline:

1-866-STOPMUD