



ENVIROTHON 101

Presentation adapted from Chelsea Sloggy, Senior Education Specialist with Union County Soil & Water Conservation District



What is Envirothon?

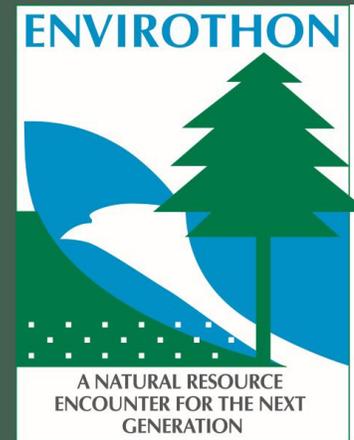
- "... a fun, hands-on, natural science academic event that engages and challenges students to think critically about the natural world and their role in it."
- Combines in-class studies with outdoor training to help students learn and experience the natural world, its processes, and related current issues

State and National Envirothon Stats

- The NC Envirothon was founded in 1991
- Over 290 teams participate in NC each year
- North America's largest high school environmental education competition
- Reaches more than 500,000 students each year
- Over \$100,000 in scholarships and prizes awarded each year
- Participants come from the US, Canada, and China



Who organizes and supports Envirothon?



What are the Envirothon topics?

- Soils and Land Use
- Forestry and Plant Life
- Wildlife and Habitat
- Aquatics and Water Quality
- Current Environmental Issues
- High school teams only: Oral Presentation



What do I need to form a team?

- 3-5 students from the same middle/high school, non-traditional school, or youth organization such as 4-H, FFA, science or Envirothon clubs.
 - Two optional alternates allowed – compete on mock alternate team
 - High school teams must have 5 members to place at State. Teams with 3-4 members may win station high score awards.
- At least one adult volunteer advisor.



A Year in Envirothon

Topics training and team building

- Meet as a team regularly to study materials
- Field trip opportunities to gain field experience
- Review sessions and mock competitions

October–February

State Competition

- Two-day event
- At least 1 FFA team will advance

April



March | April

Area Competition (Chatham County is in Area 3)

- 7 highest scoring middle & high school teams from each Area qualify for State

July

North American High School Envirothon

- July 2022 – Will be held in Ohio.





Roles: Advisor

- Schedule meeting dates for your team(s)
- Ensure students are studying materials
- Secure resource professionals for enrichment
- Schedule field trips at local sites
- Register team(s) for Area competitions
- Many advisors will:
 - Create supplemental study materials for their students
 - Decide who will act as team members and who will act as alternates
 - Attend Envirothon School for Advisors & Teachers in summer to increase knowledge



Roles: Chatham Soil & Water

- Provide supplemental study materials (lending libraries)
 - Skulls, pelts, soil samples, soil textbook, Project WILD lessons, etc.
- Disseminate information from Envirothon committees
- Host training events for teams
- Depending on the number of teams, the Chatham Soil & Water Conservation District will pay registration fees for Area and State competitions.



Envirothon Study Materials

- Area 3 Envirothon Website - NCArea3Envirothon.org
- NC Envirothon Website – NCEnvirothon.org
- NC Division of Soil and Water Website
ncagr.gov/SWC/educational/envirothon.html
- Supplemental Materials
 - District Lending Libraries
 - Resource Professionals
 - Field Trips
 - Local parks/forests, museums, and EE centers



Optional: Service Learning Project

- Optional/voluntary and does not impact score but a great learning experience
- Open to middle and high school teams
 - Must compete at Area competition, but not required to advance to state Envirothon
- Three categories:
 - Physical Project: outdoor classroom, nature trail, wildlife habitat, etc.
 - Service Project: litter clean up, teaching younger students, etc.
 - Data-sharing Project: collecting and presenting weather/wildlife/other data
- Must be written and presented to public body
 - Presentation is recorded and send to state committee along with write-up



Why Envirothon?

- It's a blast!
- Learn new and interesting material
- Spend time in nature
- Teamwork and leadership experience
- College application building
- Professional development
- Networking
- Scholarships and cash prizes
- Travel with your friends!



Questions?
Comments?

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