

NCF-Envirothon North Carolina 2019 Event Guide









Agriculture and the Environment: Knowledge and Technology to Feed the World





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A Welcome from the National Conservation Foundation

The National Conservation Foundation (NCF) extends a warm welcome to all the students, teachers, guests and volunteers for attending the 2019 NCF-Envirothon North Carolina competition. Thank you to the North Carolina Host Committee and their volunteers for hosting all of us in their beautiful state and teaching us about the region's natural resources. The NCF-Envirothon wouldn't be possible without the dedicated support of our state, provincial and territory partners, as well as the multitude of volunteers and sponsors who work tirelessly to make the program a success each year.

Every year, throughout the U.S, Canada and China, students, teachers, parents, volunteers and sponsors participate in this amazing natural resource educational program. Established in 1979, the NCF-Envirothon is a hands-on, environmental, problem-solving competition that builds leadership skills for high school students. Participating teams are trained and tested in five natural resource categories – Soils/Land Use, Aquatic Ecology, Wildlife, Forestry and Current Environmental Issues – and are challenged to develop an oral presentation addressing a practical natural resource scenario.

Thank you to the NCF-Envirothon Operating Committee, the North Carolina Host Committee and the countless volunteers who have worked to make the 2019 NCF-Envirothon North Carolina event a success. Thank you also to those who work so hard to lead local Envirothon programs in your home states, provinces or territories. Your work is important to thousands of high school students and their families, and to the future of natural resources. We hope you enjoy your week in the Tar Heel State and wish all the teams competing good luck!



NATIONAL CONSERVATION FOUNDATION







Welcome from the NORTH CAROLINA Envirothon Committee

Congratulations on your achievements and representing your province, territory or state at the 2019 NCF-Envirothon North Carolina. From July 28-August 2, 2019 you will be joining us and over 500 visitors at North Carolina State University in beautiful Raleigh, North Carolina. Immersed in nature and culture, this beautiful campus is an ideal location for you to spend the week. As the host of the big event this summer, we are excited to welcome you to North Carolina to see all that we have to offer!

The North Carolina Envirothon is a registered charity and non-profit organization, operating under the North Carolina Association of Soil and Water Conservation Districts (NCASWCD).

We hope you take the time over your visit to see what North Carolina is all about, including our natural beauty, culture, big cities and small towns. Most importantly, we hope you enjoy your time at the 2019 NCF-Envirothon North Carolina.







Welcome to North Carolina

North Carolina is a unique state that stretches from the Atlantic Ocean to the Blue Ridge Mountains to the west with three distinct topographic regions of the mountains, piedmont and coastal plain, making North Carolina a showcase of natural resources. As you travel throughout North Carolina, in addition to its rolling mountain ranges, winding rivers and diverse indigenous plant species across the landscape, you can't help but notice that North Carolina has over 8 million acres of cropland and nearly 48,000 farms supporting families. This Mid-Atlantic state is also home to a bolstering fishing industry including blue crabs, oysters, clams and striped bass. The North Carolina coast also promises adventure for visitors with its unspoiled sandy beaches, National Parks and historic lighthouses. North Carolina is a state where you can travel from the highest point east of the Mississippi at Mount Mitchell in the Blue Ridge Mountains to the Metropolitan area of the Research Triangle Park and to the beaches of the Atlantic Ocean in a matter of hours. Let your stay in North Carolina be a memorable one.

What to Expect while you visit Wake County, North Carolina...

Temperature

- Average daily high temperatures in July: 89°F/32C
- Average daily low temperatures in July: 68°F/20C
- Prepare for humid weather, with temperatures that can soar well above 100°F/38C

Precipitation

• Average rainfall in July: 3.66 in/9.3 cm

Insects to be aware of

- Ticks: be prepared for the potential for ticks, especially while in and around tall grasses and shrubs. Take time at the end of every day to check for ticks.
- Mosquitoes: There is simply no avoiding them. Use a good quality bug spray with DEET and apply liberally.
- Chiggers: Chiggers are tiny, 6-legged wingless organisms (larvae) that mature to become a type of mite. Chiggers are found in tall grass and weeds. Their bite causes severe itching.





North Carolina State University

"NCSU" <u>www.ncsu.edu</u>

NCSU is a state university located in the heart of North Carolina in Raleigh.

At NC State University, we create prosperity for North Carolina and the nation. We began as a land-grant institution grounded in **agriculture and engineering. Today, we're** a pre-eminent research enterprise that excels across disciplines.



NC State is a powerhouse in science, technology, engineering and math. We lead in agriculture, education, textiles, **business and natural resources management. We're at the forefront of teaching and research in design, the** humanities and **the social sciences. And we're home to one of the world's best colleges of veterinary medicine.**

Our more than 34,000 undergraduate and graduate students learn by doing. They pursue original research and start new companies. They forge connections with top employers and serve communities local and global. Through it all, they enjoy an outstanding return on investment.

NCSU's 65 academic departments offer more than 300 undergraduate and graduate degree programs within a diverse host of subject matter colleges.

- College of Agriculture and Life Sciences
- College of Design
- <u>College of Education</u>
- College of Engineering
- College of Humanities and Social Sciences
- College of Natural Resources
- Poole College of Management
- <u>College of Sciences</u>
- <u>Wilson College of Textiles</u>
- <u>College of Veterinary Medicine</u>







TENTATIVE SCHEDULE

(please note, all times are EST)

- Sunday July 28, 2019
- 12:00 pm 5:00 pm 5:00 pm - 6:00 pm 5:30 pm - 7:00 pm 6:15 pm - 6:45 pm 6:30 pm - 7:00 pm 7:00 pm - 8:30 pm 8:30 pm - 10:00 pm 8:30 pm -10:00 pm 11:00 pm

Monday July 29, 2019

6:15 am - 8:00 am 7:15 am 8:00 am 8:30 am - 5:00 pm 11:00 am - 1:00 pm 5:00 pm 5:00 pm - 6:30 pm 7:00 pm - 9:00 pm 11:00 pm

Tuesday July 30, 2019

6:15 am - 8:00 am 7:15 am 8:00 am 8:30 am - 2:00 pm 11:00 am - 1:00 pm 3:00 pm 3:00 pm - 6:30 pm 4:00 pm - 6:30 pm 7:00 pm 11:00 pm

Wednesday July 31, 2019

6:15 am - 7:00 am 6:45 am 7:00 am

10:00 pm 11:00 pm Registration Dinner Expo Area Open for Teams to Visit Advisor's Meeting Flag Ceremony Training (Team Captains Only) Opening Ceremony Expo area open for teams to visit Trading Session & Ice Cream Social Lights Out!

Breakfast

- Announcements Students Depart for Training Site Tour to NC Zoo (*Must pre-register*) Lunch (those on campus) Students Return to NC State Campus Dinner Study Session (with advisors) Lights Out!
- Breakfast Announcements Students Depart for the Testing Site Tour – Local Farms Tour (*Must pre-register*) Lunch (those on campus) Advisors Load Buses to Science Museum Advisor/Guest Tour to Science Museum Students to Natural Science Museum tour Dinner (cook out) Lights Out!
- Breakfast Announcements Load Buses to Depart for Coastal NC -(Educational Tour) *Details of day at the coast separate listing* Arrive back at NC State Campus Lights Out!

Location

Lee Residence Hall Lobby Fountain Dining Hall Talley Student Union/ 2nd floor Talley Student Union-Okracoke/Hatteras Talley Student Union-Currituck Talley Student Union- Mountains/Piedmont Talley Student Union/ 2nd floor Talley Student Union-Pre-Function Area

Location

Fountain Dining Hall Fountain Dining Hall Thurman Dr. (Behind Sullivan Hall) Thurman Dr. (Behind Sullivan Hall) Fountain Dining Hall

Fountain Dining Hall Fountain Dining Hall

Location

Fountain Dining Hall Fountain Dining Hall Thurman Dr. (Behind Sullivan Hall) Thurman Dr. (Behind Sullivan Hall) Fountain Dining Hall Thurman Dr. (Behind Sullivan Hall) NC Museum of Natural Sciences NC Museum of Natural Sciences On Campus/Fountain Dining Hall

Location

Fountain Dining Hall Fountain Dining Hall Thurman Dr. (Behind Sullivan Hall)





TENTATIVE SCHEDULE

Thursday August 1, 2019

6:15 am - 8:00 am Breakfast Fountain Dining Hall 7:15 am Fountain Dining Hall Announcements 8:00 am - 11:00 am *Students Only – Intro Scenario **Dabney Hall** 8:30 am - 4:30 pm PLT Workshop (registration required) Jordan Hall – Geospacial Analytics Lab 8:30 am - 10:30 am Team Buddy Training Williams Hall Auditorium (2215) (Teams will be paired with team buddies and accompany their teams to lunch; materials placed in Seq. Rooms) Lunch - Students & Team Buddies Fountain Dining Hall 11:20 am - 12:15 pm Lunch - Advisors & Guests Fountain Dining Hall 12:30 pm - 1:30 pm 12:30 pm - 6:30 pm **Presentation Prep** Tucker/Owen Residence Halls 2:00 pm - 5:00 pm NCF-Envirothon State Rep Meeting Williams Hall Conference Room 5:00 pm - 7:00 pm Dinner - Advisors & Guests Fountain Dining Hall 6:30 pm Teams - Turn in Presentation Materials Alexander Lobby **Dinner - Students & Team Buddies** Fountain Dining Hall 6:45 pm - 7:30 pm 7:00 pm - 8:00 pm Williams Hall Timers & Presentation Guide Training 7:45 pm Painting Free Expression Tunnel (Optional Activity) meet at Lee Hall Lobby 11:00 pm Lights Out!

Friday August 2, 2019

6:15 am - 8:00 am 7:15 am 7:30 am - 9:00 am 9:15 am - 12:15 pm 11:15 am - 1:15 pm 11:30 am - 1:00 pm 1:30 pm - 1:40 pm 1:40 pm - 2:00 pm 2:05 pm - 4:15 pm 6:30 pm - 8:30 pm 8:30 pm - 11:00 pm

Saturday August 3, 2019

6:00 am - 10:00 am 6:15 am - 8:00 am Checkout & Departures Breakfast

Top 3 Oral Presentations

Breakfast

Lunch

Speaker TBA

D.J. & Dance

Lights Out!

Announcements

Oral Presentations

Judge Training (Light Breakfast)

Finals Judges Training & Lunch

Banquet & Awards Ceremony

Top 3 Oral Presentations Announcement

Location

Location

Fountain Dining Hall Fountain Dining Hall Williams Hall Auditorium (2215) Williams Hall Fountain Dining Hall Kilgore Hall Conf. Room 121 Witherspoon Student Center Witherspoon Student Center Witherspoon Student Center Talley Student Center Talley Student Union

Location

Lee Dorm Lobby Fountain Dining Hall





Partners/Sponsors

The 2019 NCF-Envirothon North Carolina is possible because of the support of our amazing partners and sponsors:







Supporter: \$2,500+

Guilford SWCD

Chatham SWCD

Durham SWCD

Franklin SWCD







Friend: \$500+

Albemarle SWCD Alexander SWCD (In Honor of Wendell Kirkham) Area II ASWCD Area V & VI Envirothon Area VII ASWCD Appalachian Society of American Foresters Appalachian Society of American Foresters-NC Division **Beaufort SWCD Bragg Financial Advisors** Brunswick SWCD **Buncombe SWCD Bushy Fork Environmental** Cabarrus SWCD Cabot Cheese Caldwell SWCD Carolina Farm Credit Carteret SWCD Craven County Farm Bureau **Caswell SWCD**

Cherokee SWCD Chick-Fil-A **Columbus SWCD** Cumberland County Farm Bureau Cumberland SWCD Davidson SWCD **Davie SWCD** Duplin SWCD Forsyth SWCD Gaston SWCD Gates SWCD Harnett SWCD Haywood SWCD Henderson SWCD Hyde SWCD Iredell SWCD Jennings Environmental Johnston SWCD Land Mechanics Lee SWCD Lenior SWCD





Friend: \$500+ Continued

Macon SWCD Mecklenburg SWCD Mitchell SWCD Nash SWCD National Association of State Conservation Agencies National Conservation District Employees Association NCASWCD Auxiliary NC Division of Environmental Quality NC Electric Memberships NCSU College of Natural Resources New Hanover SWCD Northhampton SWCD Orange SWCD (In Memory of Mr. & Mrs. Quentin Patterson) Pender SWCD (In Memory of Marvin Robins & James Eakins) Penland Construction Person SWCD

Pitt SWCD Polk SWCD Randolph SWCD Resource Management Service, LLC **Richmond SWCD** Rowan SWCD Rudy and Millie Langley (In Memory of Kenneth Langley) Sampson SWCD SFI-SIC of NC Society of American Foresters-Croatan Chapter Southeast ASWCD Auxiliary Stanley SWCD Stokes SWCD Swain SWCD Wake SWCD Wayne SWCD Wildlands Engineering Wilkes SWCD WNC Landscaping Yadkin Valley Construction

Other Sponsors & Donors

Brown Creek SWCD Craven County Farm Bureau James Booth Kim Geddes Lewis Brandon III Martin SWCD Michelle Lovejoy Moore SWCD Nancy Carter Ned Hudson

Pamlico SWCD Premier Forestry & Environmental Consulting, PLLC Rich Hayes WNC Landscaping





Registration

Registration for the 2019 NCF-Envirothon North Carolina can be completed on the NCF-Envirothon website.

Registration Deadline: June 17, 2019

Note: The deadline for registration/certification for teams holding events in the last week of May/early June is 7 days post event.

Please contact <u>NCF-Envirothon</u> directly if you have concerns or email <u>administration@envirothon.org</u>

Information: For State, Provincial and Territory Representatives

Every state, provincial or territory representative must submit a Team Certification form. The state/provincial/territory representative is responsible for distributing and collecting the necessary registration/certification documents for the team members and advisors. The representative must then submit the Team Certification on-line to the NCF-Envirothon office along with the team registration payment prior to the deadline.

Team Registration

Team Registration (2 Advisors and 5 team members): <u>\$ 1,800.00 USD per team</u>

- Mixed gender teams MUST have a Male & Female chaperone
- Payment can be made by PayPal or by Check/Money Order
- Registration fees (US certified Check/Money Order) are made payable to: NCF-Envirothon.
- Mail to:

NCF-Envirothon Attn: Karla Maldonado 509 Capitol Court N.E. Washington, D.C. 20002

- Team Registration and early arrival fee(s) will be paid by state/provincial/territory representative via Team Certification. Please indicate which state/province/territory the registration fee is paying for when you are submitting your payment.
- NO REFUNDS will be given after July 8, 2019.

Required Documents

- Team Certification
- MEDICAL INSURANCE FORM
- Team Registration(s) includes:
 - Photo Release Each participant
 - Rules & Regulations Each participant
 - Each participant is required to have valid health insurance coverage and must provide proof of insurance prior to travel to the NCF-Envirothon. Scans of both sides of the insurance card and submit with your registration form.





What does the registration include?

- Room, linens, meals and events during the competition week (Sunday, July 28 afternoon to Saturday, August 3 morning).
- The linens provided for each bed will be: (1) sheet set, (1) pillow, (1) towel, (1) hand towel, (1) washcloth and (1) blanket. Laundry facilities are available in each residence hall.

Early Arrival - TEAMS ONLY

There will be an early arrival option for teams to arrive <u>one day</u> early on Saturday, July 27, 2019. The cost per team is <u>\$385 USD per team for that day's lodging & linens only</u>. Food may be purchased in the dining hall or nearby restaurants. Payment for early arrival will be included during the registration process.

Guest Registration

Guest registration is <u>\$800 USD per person per week</u> for all meals and accommodations from dinner on July 28, 2019 to breakfast on August 3, 2019.

Early Arrival - GUESTS ONLY

Guests are allowed to arrive <u>one day</u> early on Saturday, July 27 and registration is <u>\$60 USD per person for that day's</u> <u>lodging & linens only</u>. Payment for early arrival must be included during the registration process.

Guest Registration - Weekly & Daily Rates

For those staying off campus but wishing to participate during the week (July 28 to August 3, 2019), the "<u>Weekly Rate</u>" for any registered guest is <u>\$400 USD per person/per week</u>. This covers food and activities for the week, but not lodging. If you plan to attend for (1) day as a registered guest, the "<u>Daily Rate</u>" is as follows (per person per day):

7/28/19 = \$75.00	7/31/19 = \$150.00
7/29/19 = \$75.00	8/1/19 = \$75.00
7/30/19= \$75.00	8/2/19 = \$75.00

Required Registration Documents for Guests

- Registration Form
 - Medical Release (included in the Registration form)
 - Photo Release (included in the Registration form)
 - Rules/Regulations (included in the Registration form)
- Proof of Medical Insurance
 - Each participant is required to have valid health insurance coverage and must provide proof of insurance prior to travel to the NCF-Envirothon
 - Scans of both sides of the insurance card and submit with your registration form
- Payment can be made by PayPal or by Check/Money Order to:

NCF-Envirothon Attn: Karla Maldonado 509 Capitol Court N.E. Washington, D.C. 20002





Traveling to the NC State Campus

Arrival

Raleigh is the 2nd largest city in North Carolina and the state capital. Around Raleigh are the cities of Durham, Cary and Chapel Hill. Road congestion often occurs in peak traffic hours. When you plan to arrive, it is highly advised that you plan on arriving/driving through Raleigh before 3:00 pm EST or after 6:00 pm EST due to heavy traffic volume. Saturday and Sunday arrivals are more flexible, while avoiding these traffic delays. While only 13 miles away from NCSU campus, traveling in a car or van to/from Raleigh-Durham International Airport via I-40, can take up to 45 minutes depending on traffic volume.

Flying to North Carolina

Recommended Option: Raleigh-Durham International Airport (RDU)

(21 km/ 13 miles from Raleigh/16 minutes to NCSU)

Serving over 11 million commercial passengers annually, RDU is a bustling destination nestled in the heart of North **Carolina's Research Trian**gle Region. It is located nearby Raleigh, Durham, Chapel Hill and Cary and has easy accessibility to car rental services.

<u>Option 2</u>: Piedmont Triad International (PTI) (142km/88 miles from Raleigh, NC/1.5 hours to NCSU) Piedmont Triad International (PTI) is in Greensboro, NC

<u>Option 3</u>: Wilmington International (WILM) (207 km/129 miles from Raleigh, NC/2 hours to NCSU) Wilmington International Airport is in Wilmington, NC

*Important information about transportation upon arrival: Teams and guests will need to <u>make their own</u> travel/shuttle arrangements. Shuttle services are available as are Taxi, Uber, Lyft and other private transportation services. Here are the options as found on the RDU Airport website: <u>https://www.rdu.com/ground-transportation/</u>

Car Rentals at Raleigh-Durham International Airport

Whether you're planning to explore North Carolina or simply heading to the NCF-Envirothon North Carolina 2019, you can pick up and drop off a rental vehicle at any of the on-site rental agencies at RDU Airport. Free rental car shuttle service carries customers to and from the airport approximately every 10 minutes.

Each of the rental car companies at RDU offers courtesy shuttles to their offices, which are located on airport property. Catch the shuttle bus for your rental car company at the green Rental Car shuttle stops outside bag claim at Zone 5 in Terminal 1 and Zone 18 in Terminal 2.

Returning Your Car

Follow roadway signs on the airport to Rental Car Return. All rental lots are located on Autopilot Drive. After returning your car, ride your rental company's free shuttle bus to the Main Terminal.





To make rental car reservations, or learn more, please contact car rental agencies directly.

Company	Local Phone	Reservation
	(919) 840-2228	800-777-5500
Alamo	(919) 840-0132	800-327-9633
AV/S	(919) 840-4750	800-331-1212
Budget.	(919) 840-4781	800-527-0700
DOLLAR.	(866) 434-2226	800-800-4000
2	(919) 840-9555	800-736-8222
	(919) 840-2228	800-277-5171
lietz	(919) 840-4875	800-654-3131
National.	(919) 840-4350	800-227-7368
CAR RENTAL	(919) 840-9317	800-729-5377
Payless		
Thrifty		800-227-7368

For directions from the RDU Rental Car Complex to North Carolina State University click here.







Traveling to the United States: What You Need

The documents required to cross the Canada-U.S. border depend on your citizenship, age, and mode of travel. The information in this document applies to US citizens. If you hold a different passport/citizenship visit <u>Canada Border</u> <u>Services Agency</u> to learn more about required documentation.

Getting a U.S Passport

It is recommended that you begin your passport application early as processing times can take 5 weeks or longer. For complete details and links to required forms visit <u>U.S. Passports and International Travel</u>.

Documents required by Canadian Citizens / Residents / Landed Immigrants to enter the U.S. and how long can they stay?

Canadian Citizens' passports are NOT required to be valid for six months past their intended date of departure. Their passports must only be valid up until the date of their intended departure.

All Canadian Citizens entering the United States by AIR are required to present a valid passport, or a NEXUS card when departing from a designated Canadian airport.

By Land and Sea (including ferries) - Canadian citizens traveling to the U.S. by land or sea are required to present one of the travel documents listed below, and may generally visit the U.S. for up to six months. CBP will accept: Canadian passport, Enhanced Driver's License/Enhanced Identification Card, NEXUS, FAST/EXPRES and SENTRI enrollment cards.

Children: Canadian citizens 15 years old and younger arriving by land or sea from contiguous territory may present an original or copy of his or her birth certificate or a Canadian Citizenship Card. Canadian Citizens 16 and older must have a valid passport, unless traveling as part of an organized group described below.

- Groups of Children: Canadian citizen children under age 19 arriving by land or sea from contiguous territory and traveling with a school group, religious group, social/cultural organization, or sports team, may also present an original or copy of his or her birth certificate, a Consular Report of Birth Abroad, a Naturalization Certificate, or a Canadian Citizenship Card.
- The group should provide, on organizational letterhead, the following: The name of the group and supervising adult, a list of the children on the trip, the primary home address, phone number, date of birth, place of birth, and name of at least one parent or legal guardian for each child.
- A written and signed statement of the supervising adult certifying that he or she has obtained parental or legal guardian consent for each participating child.





Campus Information

Rooms

Rooms are a combination of suites and dorm style rooms with shared bathrooms. Please be prepared for warm or cool evening conditions and pack accordingly. Residences have bathroom facilities per level to share with other rooms. Students, guests and advisors will be arranged in residences accordingly.

Leaving Campus

If you (Advisor) plan to leave campus at any time during the event, please report to the NC Host EOC (2019 NCF-Envirothon North Carolina Operations Center) located in Lee Residence Hall and provide contact information while you are off campus.

Emergency

In case of a minor emergency between 8:00 am EST & 5:00 pm EST, please report to the NC Host EOC (2019 NCF-Envirothon North Carolina Operations Center) in Lee Residence Hall. North Carolina State University has a daily office number that is meant for on-site guest requirements (e.g. if you're locked out of your room).

** For Police/Fire/EMS dial 911 or Contact North Carolina State University Public Safety: (919) 515-3000

Parking

Adequate parking is available on North Carolina State University campus. All teams will indicate the need for parking permits on the online team registration site. Prior to arrival, emails will be sent with instructions to obtain permits via an NCSU online process. Permits can be obtained on arrival day if needed for those renting vehicles. An electronic database is used to track vehicles on campus so no paper permit is needed. Once your permit request has been made you will receive an email verifying your permit with specific instructions on where to park.

Wi-Fi Access Free Wi-Fi Access is available to all visitors. NCSU Campus Transportation Wolfline Bus System

Banking - ATM

There are multiple ATM's at North Carolina State University. Two are in Bragaw Dorm next door to Lee Hall, a State Employees Credit union and a PNC Bank. There are several located in the Talley Center: Wells Fargo, PNC and BB&T ATMs. Several banks are located nearby off Western BLVD and Hillsborough St.

Campus Rules

- Smoking is prohibited inside any buildings or anywhere on campus
- No alcohol is to be consumed in any public areas on campus
- No weapons, ammunition or fireworks are permitted on campus
- The university has a zero tolerance to the use of illegal drugs and to any matters with respect to harassment
- Excessive noise and disruption are not allowed after 11:00 pm.
- Emergency telephones are available across the campus; emergency numbers are prominently displayed





Check Out

The 2019 NCF-Envirothon North Carolina Host Committee and the campus have requested that everyone complete the checkout process by 10:00 am EST on Saturday, August 3, 2019. Students will turn their keys into their advisors to return to the front desk and all guests will turn the keys into the front desk of each dorm. Please leave used linens in the room. Lost keys pose a significant threat to students on campus. If a key is lost, the full lock-set is changed. Therefore the individual will face a penalty of <u>\$250 USD</u> for any lost key sets or <u>\$25 USD</u> per lost access card. Any key not returned within 72 hours is considered lost. At the end of the program, linen counts will be conducted by NCSU and reported to the 2019 NCF-Envirothon North Carolina Host Committee. There will be a charge of <u>\$12 PER ITEM</u> to whoever was assigned to the room for the missing linen items.

Local Hospitals & Urgent Cares

FIRE & RESCUE (Local) - Dial 911 for Fire or Life Threatening Emergencies

Raleigh Fire Department Station 5	NC State EMS Station
300 Oberlin Road, Raleigh, NC 27605	1361 Varsity Drive, Raleigh, NC 27606

Hospital & Urgent Care – Raleigh (20 minutes or less from NCSU)

Rex Hospital 919-784-3100 Website: <u>https://www.rexhealth.com/rh/</u> 24-Hour Full-Service Emergency Department 4420 Lake Boone Trail, Raleigh, NC 27607

Rex Express Care of Raleigh 984-215-6990 Website: <u>https://www.rexhealth.com/rh/hospitalslocations/profile/rex-express-care-raleigh/</u> Hours: 8:00am-8:00pm, 7 days a week 3050 Duraleigh Road, Suite 111 Raleigh, NC 27612 Wake Med Urgent Care 919-789-4322 Website: <u>https://www.wakemed.org/physician-practicesurgent-care</u> Hours: 8:00am-8:00pm 7 days a week 2406 Blue Ridge Road, Suite 190, Raleigh, NC 27607

Hospital & Urgent Care - Triangle Area (30 minutes or less from NCSU)

Wake Medical Center - Raleigh (Hospital) 919-350-8000 Website: <u>https://www.wakemed.org/raleigh-campus</u> 24-Hour Full-Service Emergency Department 3000 New Bern Avenue, Raleigh, NC 27610

Wake Med Cary Hospital 919-350-8000 Website: <u>https://www.wakemed.org/cary-hospital</u> 24-Hour Full-Service Emergency Department 1900 Kildaire Farm Road, Cary, NC 27518 Next Care Urgent Care 919-481-0277 Website: <u>https://nextcare.com</u> Hours: Monday-Friday 8:00am-7:00pm, Saturday 8:00am-2:00pm, Sunday 10:00am-2:00pm 1110 Kildaire Farm Road, Cary, NC 27511





North Carolina State University All-Hazards Emergency Response Plan

In the event of an incident that creates an actual or potential threat to the safety of persons or property on or near **any of the University's campuses the All**-Hazards Emergency Response Plan may be activated. This is a summary of emergency response measures available to the University. The complete plan is on file with the NCSU Department of Environmental Health and Safety.

Safety and Security During an Emergency

During an emergency, members of the University community will normally be expected to remain where they are unless it is unsafe to do so. Those who must move from one location to another should only do so if it is safe to do so. Members of the University community are specifically expected to remain indoors unless instructed otherwise. Members of the University community are likewise strongly discouraged from going to the location of an emergency because of the risk to personal safety and the possibility of hampering emergency responders in their duties.

In the event of an emergency the University community will be notified through Wolf Alert Audible Alert System. The Wolf Alert system is an audible warning system which consists of speakers mounted on poles or building roofs at various locations across campus. In the event of certain emergencies, either tones or brief messages will be broadcast over these speakers to notify persons located outside of buildings to take certain action. Typically, this message will be to seek shelter in a nearby building, check the university homepage for specifics and tune in to the various media for further information. In addition, emergency status information can be received by calling 919-513-8888.

An emergency warranting use of the Wolf Alert audible alert system will be initiated by a pulsed tone lasting for 30 seconds followed by a short message, with this sequence repeated three times. When the audible alert tone sounds, persons on campus are being advised to do the following:

- S: Seek shelter immediately
- O: Obtain information from the University home page on any additional action to be taken
- S: Stay tuned for further information until an "all clear" signal is obtained from campus officials.

Any campus emergency initiated by the alert system will be closed with an "all clear" signal from the system. This signal will be a "Westminster Chimes" tone followed by a short "all clear" message, with this sequence repeated three times.

The university may suspend normal operations, including curricular and extracurricular activities, until it can be determined that the emergency no longer exists. Access to the university by vehicles and/or persons may be further controlled by Public Safety officers and other University officials stationed at specifically identified ingress and egress points.

Communications During an Emergency

Dial 911 to report any emergency. **The University's All**-Hazards Emergency Response Plan identifies the importance of communicating timely information to the campus community not only at the outset of an emergency but throughout such an event. While an emergency affecting the University exists the campus community will be regularly updated on the status of the event and will be provided with information intended to help them stay safe.





Conclusion of an Emergency and After-Action Review

When the University officials determine that the emergency condition is ended the University community will be promptly notified. The University will then make all efforts to return to normal operations as quickly as possible following an emergency event.

Following an emergency event, University officials will be responsible for conducting an after-action review of the **University's emergency response. The after**-action review is intended to be used to identify strengths and **weaknesses in the University's response, update the** All-Hazards Emergency Response Plan, and improve the handling of future emergency responses.

Information for Teams/Guests

Packing List - Please BRING

- State/Provincial/Territory T-shirt **note that you will be required to wear this T-shirt on training day
- Awards Ceremony Attire
- Health Card & other Medical information
- Prescribed & Over-the-Counter Medications as required
- Lightweight Hiking Boots Must have Closed-Toed Shoes for Training and Testing Sites
- Lightweight Pants for evening, Training/Testing sites (if desired helps with mosquitoes & ticks)
- Lightweight Shorts for daytime activities (if desired)
- *STUDENTS -You will be provided a 2019 NCF-Envirothon North Carolina T-shirt for the TESTING DAY and a NCF-Envirothon t-shirt for the Oral Presentation Day, as well as one for the NC Education/Fun Day
- Clothes Suitable For Spray Painting An opportunity will be provided to get creative in the NCSU Free Expression Tunnel (Painting supplies will be provided)

Other Items to Bring

Rain Gear	Sunglasses	Insect Repellent	Extra Towel/washcloth	Items for Trading Session
Casual Shirts	Sunblock	Camera	Reusable Water Bottle	
Toiletries	Jacket/Sweater	Hat	Flashlight & batteries	
Daypack	Alarm Clock	Sleepwear	Socks & Under Garments	

***DO NOT BRING!

Knives, Firearms, Fireworks, Valuable jewelry, Cigarettes or other tobacco products, Matches, Lighters, Drones, other dangerous items

Dress Code

As mentioned earlier, the weather in North Carolina can be quite warm in the summer. Note that North Carolina does have mosquitoes and ticks. Please pack accordingly to ensure you are protected.

* To ensure that the clothing has no indication of where your teams are from, students will be given an NCF-Envirothon Oral Presentation t-shirt that are they are required to wear during their Oral Presentations. Please bring appropriate business casual slacks or skirts that to wear with the t-shirts.

**Please note that the Awards Ceremony is on Friday, August 2, 2019. This will be a semi-formal ceremony (i.e. Pants/Shirt/Tie, Dresses/Pant Suits—No shorts/T-shirts).





Trading Session Items

On Sunday July 28, all teams will have the chance to trade items with other teams. These are items that are labelled with their province, state or territory names on it. (i.e. – flags, frisbees, hats, t-shirts, pen, pencils, pins, posters, bandanas, etc.) Teams will be allowed to ship "Trading Items" to North Carolina if they wish. After the Opening Ceremony, teams will trade these items with other teams. The items that are shipped to North Carolina must be in boxes and should be clearly labeled with "2019 NCF-Envirothon North Carolina." These boxes may be shipped after July 1st and should arrive prior to July 17, 2019. When shipping, please have a "Signature Required" by the receiver when it arrives in North Carolina. Shipping address is:

Harnett Soil and Water Conservation District Attn: Lynn Lambert 126 Alexander Drive, Suite 200 Lillington, NC 27546

Competition Information

Learning Objectives & Resources

All Learning Objectives and Resources can be found on the <u>NCF-Envirothon</u> website.

Training Day - *see the Training Day example (page 22)

Students will have the opportunity to participate in only 3 of the 5 Station Training sessions (2) in the morning, and (1) in the afternoon. Advisors, you need to decide which training sessions each student will attend that will benefit the team. You are required to sign-up your team members on-line for their respective training sessions during the registration process.

Students will have 90 minutes at each of the (3) Station Training sessions. Students will be encouraged to write down any questions they have during the Station Training session. During the last 15 minutes of each Station Training session, questions will be asked and answered as a collective group at the completion of the Station Training session. This will also ensure that all students, each member from every team, will be able to hear the question and the response from the natural resources professional.

Testing Day

The testing format for the 2019 NCF-Envirothon North Carolina will be station testing. This means that every testing stop will have questions associated with that core subject (Wildlife, Forestry, Aquatics, Soils and Current Issue). Each core topic may also have additional questions related to the Current Issue.

Oral Presentations

Oral Presentations at the 2019 NCF-Envirothon North Carolina will be 20 minutes in length. Students will be stopped at the 20-minute mark; the end of their presentation time. Judges will then have the opportunity to ask questions for up to 10 minutes following the presentation. The Top 3 Teams overall will re-present to the whole audience in front of a separate panel of VIP judges.





This year for the first time, PowerPoint will be used for the presentations. Laptops will be provided, with necessary information to be provided on a flash drive. NO WiFi or other internet access will be provided.

Oral Presentation Preparation Day

Students will be presented with the Oral Presentation Scenario in the morning. The Teams and Team Buddies will eat lunch, and then meet at the OP Sequestration Site to be assigned to their Presentation Preparation Room. Materials will already be placed in the assigned room. Each team will be sequestered on campus until 6:30 pm that evening to complete their presentation. Advisors will not have any contact with their Teams from 8:00 am until 6:30 pm, or until materials have been checked in. Advisors may greet their teams, once the team has handed in their presentation materials. All teams will be given exactly the same amount of time to prepare for their presentations, which will be approximately 6 hours.

Advisors may provide a basket or bag of snacks/goodies/drinks for the students during preparation time. Advisors should bring those items to the NC Host EOC (2019 NCF-Envirothon North Carolina Operations Center) in Lee Hall before 11:30 am that morning, and they will be delivered to your team.

Oral Presentation Materials PowerPoint Method

The following is a sample of the items that will be provided to each team for their presentation preparation if using the Power Point Method:

Laptop (loaded with MS Office Pro Plus 2016) 50 blank notecards, paper clips Notepad or loose-leaf paper A maximum of <u>20 slides</u> may be used 1 (one) Flash drive (labeled with team #) pens/pencils, sharpener Stopwatch

Oral Presentation Materials Traditional Method

The following is a sample of the items that will be provided to each team for their presentation preparation if using the Traditional Method:

One Portfolio for transporting posters

10 sheets of white poster board (22" x 28")

50 blank notecards 5 large paperclips (for securing each team members notecards.) Color printed versions of all stock photos and graphics that were supplied on the PowerPoint method flash drive. 5 pencils, 1 pencil sharpener, 1 package assorted markers (black, red, blue, and green) 25 sheets of scrap paper (not to be used on posters), Assorted construction paper 1 roll clear tape, 1 glue stick, 1 pair scissors, 1 ruler, 1 stopwatch

All teams will be provided the items below (Traditional or Power Point) in a 1 loose leaf notebook containing:

- o Oral Presentation Scenario
- o OP Rules and Guidelines
- o Official Score Sheet
- o Handouts from morning OP Training
- o 25 sheets of scrap paper





2019 NCF-Envirothon North Carolina - Training Day Sign-up Form

The 2019 NCF-Envirothon North Carolina Host Committee has devised a training format that incorporates communication and team building skills. There will be (1) team member assigned to each training session that is offered. Therefore, there will be (1) student from the team at each station at one time. As a team, you should discuss and decide prior to the deadline of June 17, 2019, as to who will be attending which training sessions.

*Note - Some things to consider

- Each student will attend only 3 of the 5 training sessions offered throughout the day. They will not attend the same session twice.
- Advisors, you need to decide which training sessions each student will attend that will benefit the team.
- Students will have labels on their badges that will identify which sessions they will attend.
- There will be a Study Time, an optional time to collaborate with the Advisors, after dinner for the students to share the information learned. They will have access to their 'notebooks' at this time.

*If your team does not assign students to training sessions, the 2019 NCF-Envirothon North Carolina Host Committee will assign your team members to each training session, and there <u>WILL NOT</u> be an option to change the training assignments.

Example:

Province/State/Territory:North Carolina		
Team Members:		<u>Advisors</u> :
1. <u>Colin Jacobs</u>	1	Dave Smith
2Joseph Miller	2	Debbie Myers
3. <u>Johanna Crum</u>		
4. <u>Bob Laird</u>		
5Alice Edwards		

Training Session 1

	Soils	Aquatics	Forestry	Wildlife	5th Issue
Your team	Bob Laird	Johanna Crum	Alice Edwards	Colin Jacobs	Joseph Miller

Training Session 2

	Soils	Aquatics	Forestry	Wildlife	5th Issue
Your team	Colin Jacobs	Bob Laird	Johanna Crum	Joseph Miller	Alice Edwards

Training Session 3

			<u> </u>		
	Soils	Aquatics	Forestry	Wildlife	5th Issue
Your team	Johanna Crum	Alice Edwards	Joseph Miller	Colin Jacobs	Bob Laird





Tour/Workshop Information:

**Reservations are first come, first served and can be accessed <u>here</u>.

*North Carolina Zoo

MONDAY July 29, 2019 from 8:30 am -4:30 pm EDT

Take a walk on the wild side and visit the world's largest natural habitat zoo right here in Asheboro, North Carolina! From running with the gazelle and, roaring with an African lion, to hand-feeding a giraffe, this trip will be loaded with adventure with more than 1,800 animals calling the North Carolina Zoo home. Habitat areas representing the regions of Africa, and North America, plus a global desert and tropical free-flight aviary allow visitors to view upclose and even interact with animals from across the globe. Transportation is provided.

Departure Location: Thurman Street

adjacent to Sullivan Residence Hall (load buses beginning at 8:00)

Cost: \$35.00

Lunch: A gift card will be provided to all participants that will allow them to purchase lunch inside the park.

A variety of vendors are available.



North ^L

Fun Tickets: Everyone will receive one fun ticket to use at giraffe feeding deck or endangered animal carousel.

NC Agriculture - Using Agricultural Technology to Feed the World - Franklin County Ag Tour

Tuesday, July 30, 2019 8:30 am - 2:00 pm EDT

This will be a tour of two Franklin Family Agricultural operations. The cost is \$10.00 per person. Lunch will be provided by the Franklin Soil and Water Conservation District. 55Transportation is included. Maximum 25 people.

- 1. Nelms Family Farms This 4th generation farm has been in the Nelms family since the 1940's. Currently they tend over 1, 300 acres of row crops including tobacco, wheat, and soybeans. Participants will visit the field and follow a tobacco leaf from the field to the barn witnessing the modern day technologies used for harvest and drying in preparation for the much anticipated trip to market. Lunch will be served on the farm.
- 2. Dean Family Farms The Dean family was awarded the 2018 Franklin Farm Family of the Year award for its technologically driven 200,000 plus annual pound tilapia operation which markets live fish to Canadian markets via the Fresh Keepers Co-op. The farm was first purchased by the family in 1929 and made its transition to a tilapia farm in 1999. Participants will see first-hand the aquaculture tanks with fish of all stages from fingerlings to market size. The tour will include insights into water quality monitoring, pump management, and day to day operation needs.



ADVISOR TRAINING FOR ENVIROTHON 2020

Tackle the Envirothon 2020 topic of water with Project Learning Tree!

This day-long workshop, *Forests, Water, and Project Learning Tree (PLT)*, will combine NCSU researchers with educators as we explore issues around water and forests. Time will be spent in the field and in NCSU's Center for Geospatial Analytics lab to learn how researchers collect data and use modeling to help answer pressing research questions. Activities from PLT's secondary modules will help bring these discussions into your classroom.

Date: Thursday, August 1

Time: 8:30am - 4:30pm

(1.5 hour lunch included)

REGISTER TODAY!

Team Advisor Group:

Alabama - Montana: <u>bit.ly/EnviroRegA-M</u> Nebraska - Yukon: <u>bit.ly/EnviroRegN-Y</u>



Participants Receive:

- ✓ 6 Contact Hours to count towards professional development credits in your home state
- ✓ Time in NC State University's GIS lab
- Hands-on experiences with ARC-GIS resources and tangible landscape
- √ Focus on Forests PLT Guide
- ✓ <u>Places We Live</u> PLT Guide
- $\sqrt{\frac{\text{Teaching with i-Tree}}{\text{Teaching with i-Tree}}}$
- ✓ Geospatial Applications for Problem Solving Activities

Cost: \$20 Donation that goes right back to support NCF Envirothon programming!

QUESTIONS?

Contact Renee Strnad North Carolina PLT State Coordinator

919-515-5518 | renee_strnad@ncsu.edu

Project Learning Tree (PLT) is a renowned environmental education program that provides high-quality professional development, award-winning curriculum materials, and local resources and support to PreK-12 teachers and other educators. PLT is an initiative of the Sustainable Forestry Initiative.







Local Accommodations

Raleigh, NC Double Tree by Hilton Brownstone 1707 Hillsborough Street (919)828-0811 0.3 miles from NCSU

Ramada by Wyndham 1520 Blue Ridge Road (919) 832-4100 2.5 miles from NCSU

Hampton Inn and Suites Raleigh/Crabtree 3920 Arrow Drive (919) 881-7080 3.4 miles from NCSU

Red Roof Inn Raleigh-Crabtree 3921 Arrow Drive (919) 277-8485 3.4 miles from NCSU

Cary, NC Double Tree by Hilton 500 Caitboo Avenue (919) 2394777 4.5 from NCSU

Holiday Inn and Suites 5630 Dillard Drive (919) 851-1220 4.6 miles from NCSU Holiday Inn Downtown 320 Hillsborough Street (919) 832-0501 1.3 miles from NCSU

Quality Inn 2539 S. Saunders Street (919) 863-0091 2.7 miles from NCSU

Holiday Inn Express Hotel and Suites 3741 Thistledown Drive (919) 854-0001 3.0 miles from NCSU

Courtyard Raleigh Crabtree Valley 3908 Arrow Drive (919) 782-6868 3.3 miles from NCSU

Homewood Suites by Hilton 555 Crossroads Blvd (919) 745-8589 4.3 miles from NCSU

Red Roof Inn 1800 Walnut Street (919) 469-3400 4.9 miles from NCSU Red Roof Plus NCSU – Convention Center 1813 South Saunders Street (919) 833-6005 2.4 miles from NCSU

La Quinta Inn and Suites Raleigh/Crabtree 2211 Summit Park Lane (919) 785-0071 3.3 miles from NCSU

Comfort Inn 1001 Wake Towne Drive (919) 828-1813 3.4 miles from NCSU

Comfort Inn and Suites 6209 Glenwood Avenue (919) 782-1112 5.3 Miles from NCSU

Hilton Garden Inn 131 Columbus Avenue (919) 377-0445 4.5 miles from NCSU

Best Western Plus 1722 Walnut Street (919) 481-1200 4.9 miles from NCSU





Things to See and Do

While there is a lot going on at NCSU campus during the 2019 NCF-Envirothon North Carolina, there may be times you want to explore the surrounding area. Raleigh has been coined the "Home of the Free," with a variety of free attractions contributing to the exciting and curious nature of the area. Be sure not to miss out on the free museums around Raleigh, which have led the city to be dubbed the "Smithsonian of the South." If an outdoor adventure is more your style there are plenty of parks, lakes and gardens that offer peaceful settings to walk, run, bike and play close by some within walking distance of the NCSU campus. Below is just a sample of all of the "priceless" things you can do if you are up for a NC excursion.

<u>Artspace</u>
Historic Oakwood
NC Museum of Art
NCSU Solar House
Pullen Park
Museum of Art

Bass Lake Park Historic Yates Mill County Park NC Museum of History Prairie Ridge Ecostation

Additional NC Resources

<u>Things to Do In NC Guide</u> <u>Visit North Carolina</u> <u>Visit Raleigh, NC</u> <u>NCSU Local Attractions</u> <u>North Carolina's Farmers Markets</u> <u>North Carolina's Best Ice Cream Trail</u>

Team Wardrobe for the Week

Students: Wardrobe for the Week – July 28 – August 2, 2019

Sunday:	Travel Clothes, State/Provincial/Territories t-shirt for the Opening Ceremonies
Monday:	State/Provincial/Territories t-shirt (outside all-day)
Tuesday:	2019 NCF-Envirothon North Carolina t-shirt (provided by North Carolina Envirothon -outside all-day)
Wednesday:	North Carolina 2019 t-shirt (<u>provided</u> by North Carolina Envirothon, Group Photo)
Thursday:	Casual, comfortable clothes (morning – outside/afternoon – inside)
Friday:	OP t-shirts, am (provided by the NCF-Envirothon)/Awards Ceremony clothes, pm
Saturday:	Travel clothes

Advisors - PLEASE REMEMBER, YOU ARE RESPONSIBLE FOR YOUR STUDENTS





Remind App



Once registered, prior to the event, all advisors will receive an email with instructions on how to sign up to receive real-time event updates via the Remind app on their cell phone. This app will be used to communicate the week of the event and is available for FREE on devices that have access to the App Store (iOS) and the Google Play Store (Android).

The Remind app will allow NCF-Envirothon guests to sign up as an Advisor, Team Member or Volunteer. Communication will be sent to the appropriate group as needed (example: weather update, schedule change, daily reminders, etc.).

Advisors will receive all communication sent to the Team Member list, however there may be a need for specific communication to be sent to the Advisors or Volunteers list only

Capture Your NCF-Envirothon Memories – Photo Contest

Share your NCF-Envirothon memories on social media and enter for a chance to win a prize any Envirothon team would love. To enter take a selfie of your team at an identifiable location on the NCSU campus that includes an NCF-Envirothon themed item and upload your photo using the hashtag #2019NCFEnvirothon. All photos must be posted by Thursday, August 1 at 11:59 pm EST. Multiple entries can be submitted. A winner will be selected at random on Friday, August 2, and the winner will be announced during the awards ceremony.

After the Event

Photos

What is the best way to tell everyone what the NCF-Envirothon is all about? Take a Picture!! If you didn't get a chance to share your photos during the event, please make sure to share them afterwards. Tag all photos with #Envirothon so we can highlight how far the NCF-Envirothon program reaches across North America and the World!

Survey

You and your team will be sent a survey from the NCF-Envirothon following the event. Please ensure that you fill this out so future hosts can plan for a successful event.

Thank You Note's

Be sure to send thank you notes to your partners, sponsors and the people who may have helped you with your venture to North Carolina.

Follow Us on Social Media

Your connection with the NCF-Envirothon doesn't have to end after the event is over! Connect with us on social media @ncfenvirothon on <u>Twitter</u>, <u>Facebook</u>, <u>Instagram</u> and <u>YouTube</u>. We want to stay in touch with you and have some exciting things happening in the future that we'd love to share with you!