

What is the Envirothon?

The Envirothon is a hands-on environmental problem-solving competition for students in grades 9 through 12 in the United States and Canada. Teams train for and compete in five subject areas: **Soils and Land Use**, **Aquatics**, **Forestry**, **Wildlife**, and a rotating current environmental issue (2019 Topic: "Agriculture and the Environment: Knowledge & Technology to Feed the World")

Aquatics— Students explore complex under-water ecosystems with marine and freshwater biologists. They also learn how wetlands and buffers contribute to healthy streams.

Forestry— WV foresters will teach how to identify tree species and determine a tree's height and age. Students also learn management techniques for healthy and productive forestry resources.

Soils— Students work alongside soil scientists to learn about profiling and mapping techniques used to determine soil characteristics for farming and developing activities.

Wildlife— Students learn firsthand from wildlife managers about animal populations and dynamics in WV and the importance of preserving wildlife habitat.

Starting a Team:

- Identify an Advisor who is interested in forming an Envirothon Team
- Form a team of 5 students
- Have teams train in the 5 subject areas
- Register for the WV Envirothon Competition

Note: There are usually several Envirothon practice events held in various areas of the state, typically held in late March-early April. There is also a Teacher's Workshop held each year, usually in September at Holly-Gray Park in Sutton, WV.

Day 1 of Competition – Oral Presentations:

- Registration – turn in oral presentation materials; pick up Envirothon t-shirts
- Team Photo
- College and Career Exhibits
- Lunch
- Fifth Topic Oral Presentations
- Review Stations open to teams

- Dinner
- Entertainment

Day 2 of Competition – Testing Day:

- Breakfast
- Aquatics
- Wildlife
- Soils
- Forestry
- Lunch
- Top Five teams give final 5th topic presentations
- Award Presentation

Students compete in a two-day State event in April. This year's event will be held at Canaan Valley State Park on April 17 and 18. The WV Envirothon is sponsored by WV Conservation Districts. There are 14 Conservation Districts in WV. If you contact your local Conservation District Office <http://www.wvca.us/map.cfm> they may provide financial support for your trip to the WV Envirothon.

The top 5 Place Envirothon winners will receive scholarships:

First Place Team: \$5,000

Second Place Team: \$3,750

Third Place Team: \$2,500

Fourth Place Team: \$1,750

Fifth Place Team: \$1,250

Students will also be awarded for top team score at each testing station. The Stations includes Aquatics, Soils, Wildlife, Forestry and the Current Environmental issue or 5th topic. The award will be \$250 for students and \$250 for the Advisor.

There will be also be a drawing for \$500 attendance award.

- The top five placing teams and the station award teams are NOT eligible for the attendance award

- All five members of each Team must be present at the final presentation to be eligible
- The drawing will be held prior to the announcement of the 1st place team

The top Scoring team will represent West Virginia at the NCF North American Envirothon. Each year the Envirothon is located at a different location in the US or Canada. This year's Envirothon is located at North Carolina State University, Raleigh North Carolina the week of July 28-August 2, 2019.

Expenses for the trip will be paid by the WV Envirothon committee.

Oral Presentation:

This year the oral presentation topic is: "*Agriculture and the Environment: Knowledge and Technology to Feed the World*"

You will prepare an oral presentation according to this Current Environmental issue:

<http://www.wvca.us/envirothon/2019/WV%20Envirothon%205th%20Topic%20FINAL%202019.pdf>

At the Envirothon you will give a presentation in front of a panel of Judges according to the following rules:

Oral Presentation Rules

Preliminary Oral Presentation Score Sheet

Final Oral Presentation Score Sheet

It is to your advantage to review these Score Sheets.

All presentation materials (posters, 3x5 notecards) will be collected at Registration and will be returned to the teams at the time scheduled for their 15-minute practice session. To receive full credit, presentations must be between 5 minutes and 7 minutes. Points will be deducted according to the score sheet if they take less time. Teams will be stopped at 7 minutes. This will allow time for a three-minute Question and Answer session with the judges. Each team member must have an equal part in the presentation.

Poster Rules and Regulations

1. 3 posters, can use front and back, white poster board only, size 22x28 inches only (nothing larger or smaller)
2. Any media, Flat surface, 2 dimensional only, no 3-dimensional posters
3. 3 X 5-inch notecards can be used to read from; cannot be used as visual aid
4. No add-ons, nothing to increase 22x28 inch size, no flipcharts, pull-outs, etc.
5. Absolutely no props. Pointer and easel will be provided. This prohibits the use of electronic equipment (computers, smart phones, etc.)
6. No team, school, county, district, or personal names on posters
7. No identifying clothing to be worn, Envirothon t-shirts required

Posters not adhering to rules and any props will be confiscated. Points will be deducted for infractions of rules 6 and 7 (see score sheet).

These Videos may be helpful:

https://youtu.be/dk2G1_N5kdk

https://youtu.be/pAO_uKxRguA

<https://youtu.be/AyfmoSB5ztI>

PLEASE READ OUR POLICY AND PROCEDURES

http://www.wvca.us/envirothon/pdf/WV_Envirothon_Policy_and_Procedures2018.pdf

QUESTIONS??

Contact Envirothon Chairman, Wayne McKeever by email at

Wayne.mckeever@gmail.com

We hope to see you at the next Envirothon Competition!

Helpful Resources

<http://www.wvca.us/envirothon/2019/WV%20Envirothon%205th%20Topic%20FINAL%202019.pdf>

<http://www.wvca.us/envirothon/a2.cfm>

<http://www.wvca.us/envirothon/f2.cfm>

<http://www.wvca.us/envirothon/soil.cfm>

<http://www.wvca.us/envirothon/w2.cfm>

<https://youtu.be/xaQWjXAJYdw>

https://youtu.be/dk2G1_N5kdk

<https://youtu.be/janMim8Hr0k>

<https://youtu.be/-hVqs-YZ28Q>

<https://youtu.be/KHFvaj2a0qI>

<https://youtu.be/-HJbAhKvtlw>

<https://youtu.be/2MmRAH8etmU>

<http://www.envirothonpa.org/station-training/>

<https://www.envirothon.org/the-competition/current-competition> (Review learning objectives)

<https://www.envirothon.org/the-competition/test-writing>

<http://mdenvirothon.org/training/>

<https://vaswcd.org/additional-study-resources>

<http://www.nysenvirothon.org/?s=Study+Guides>

<https://sites.google.com/site/envirothonnc/study-resources/high-school>

<https://youtu.be/0IoQ8w8firY?t=1600>