

## What is the Fred B. Miller, Jr. Regional Envirothon?

Each year, thousands of instructors across North America guide high school students through an environmental education program that combines classroom learning with hands-on outdoor activities and incorporating STEM principles.

Culminating with an in-the-field competition, students compete in five areas of study: Soils & Land Use, Aquatic Ecology, Forestry, Wildlife and Environmental Issues.

This exposure to nature and its interrelationship with human impacts on the natural world provides valuable lessons and helps develop an understanding of ecosystems and our role in them.

Winners in the regional competition advance to the Florida Envirothon. The top Florida team advances to the North American Envirothon, where over \$30,000 in scholarships and prizes are awarded.

[www.fredbmillerregionalenvirothon.com](http://www.fredbmillerregionalenvirothon.com)



## How To Get Involved

### Volunteer

The Envirothon depends entirely on volunteers in all aspects of the competition, from classroom assistance to field work the day of the event.

### Participate

If you are a high school teacher, consider entering a team into the competition. If you are a high school student and want to get involved, contact us. The benefits are boundless.

### Support

Local business and community organization sponsorships provide the funding for study materials, lunches the day of the event, awards and expenses for the winning team to attend the Florida Envirothon competition.

For More Information Contact:

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## Fred B. Miller, Jr. Regional Envirothon March 3, 2022

**Tree Hill Nature Center**  
**7152 Lone Star Road**  
**Jacksonville, FL 32211**

Sponsored By



# Study Topics

## SOILS AND LAND USE



1

Professional soil scientists help students learn about soil structure, interpret maps, and evaluate land forms and soil characteristics that affect agricultural and development issues.

## AQUATIC ECOLOGY



2

Students work alongside marine and freshwater biologists to assess the quality of delicate aquatic ecosystems. They also learn to identify aquatic organisms, manage watersheds and determine non-point source pollution.

## FORESTRY



3

Students develop an understanding of the practices of maintaining forest ecosystems. With the help of professional foresters they learn the basics of species identification, forest structure, and management.

## WILDLIFE



4

A favorite for many Envirothon participants, students learn firsthand from wildlife experts about animal populations, their dynamics, and the importance of habitat conservation.

## ENVIRONMENTAL ISSUES



5

Challenged by field professionals, students work as a team to explore the facets of a current environmental issue and analyze the complexity of real-life environmental decisions.



Note: 2020 competition cancelled due to COVID-19 precautions. 2021 competition virtual due to COVID-19 precautions.

### 2019 Champions "Team Dasher" Darnell-Cookman High School

Left to right: DSWCD Supervisors Hunter Anderson, Ed Wright, Jennifer Casey; Team Members: Stephanie Garcia, LaMark Dasher, Kelly Dixon, Taylor Ashburn; Advisor Dr. Scott Sowell; Team Member Rebecca Rivera-Clapp; DSWCD Chairman, Allen L. Moore.



Darnell-Cookman "Team Dasher" wins Oral Presentation medallions at 2019 Florida Envirothon Competition.