

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

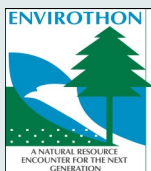
The Envirothon is an environmental and natural resource conservation problem-solving, team-building and leadership experience for high school students. It incorporates STEM principles, experiential learning and hands-on outdoor field experiences.

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 NCF-Envirothon, where over \$30,000 in scholarships and prizes are awarded.

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 2, 2023

STEM Center
A. Philip Randolph Career Academies
Duval County Public Schools
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Jacksonville

Sponsored By



Study Topics

SOILS AND LAND USE



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



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



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



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



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.



Above: Group photo of participating students in last year's competition.
Right Top: Duval County—Darnell Cookman HS, took 1st place in Wildlife at Florida Envirothon.
Right Bottom: Nassau County—Yulee HS, placed 3rd overall at Florida Envirothon.

