

## What to Expect in an Envirothon:

**January:** Teams receive their study materials to begin preparation for the event with the help of their advisors

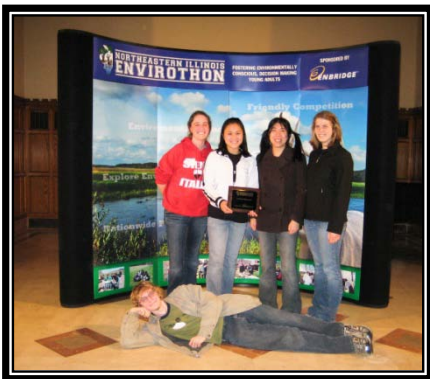
**April:** Teams compete at the Northeastern Illinois Envirothon in early April. There will be 2 one-day events. April 3<sup>rd</sup> for Boone, DeKalb, Lake, McHenry and Winnebago county schools and April 5<sup>th</sup> for schools in Cook, DuPage Kane and Will counties.

**May:** The top scoring team from Northeastern Illinois will compete at the State Envirothon in May. This is a two-day event in Monticello.

**August:** The winning team from the Illinois Envirothon will spend one week at the National Canon Envirothon in July.

## Who Can Participate?

- High Schools
- Scout Groups
- 4-H Clubs
- Church Groups
- Community Groups
- Any Organization



## Envirothon Locations:

North Event  
April 3<sup>rd</sup>, 2012  
McHenry County Conservation District  
2112 Behan Road in Crystal Lake, IL

South Event  
April 5<sup>th</sup>, 2012  
Danada House  
Forest Preserve District of  
DuPage County  
Wheaton, IL.

Counties participating: Boone, Cook, DeKalb,  
DuPage, Kane, Lake, McHenry, Will, and  
Winnebago

## For More Information Contact:

Spring Duffey  
McHenry-Lake County Soil & Water  
Conservation District  
1648 S. Eastwood Dr.  
Woodstock, IL 60098  
(815) 338-0099 ext. 3 Fax: (815) 338-7731  
[www.mchenryswcd.org](http://www.mchenryswcd.org)  
[Spring.duffey@il.nacdnet.net](mailto:Spring.duffey@il.nacdnet.net)



# 2012



## NORTHEASTERN ILLINOIS ENVIROTHON

*"Fostering Environmentally Conscious  
Decision Making Young Adults."*



## Sponsored By:

Boone County SWCD  
DeKalb County SWCD  
Kane -DuPage SWCD  
McHenry-Lake County SWCD  
North Cook County SWCD  
Will-South Cook SWCD  
Winnebago County SWCD  
The Conservation Foundation  
McHenry County Conservation District  
The Forest Preserve District of DuPage  
County  
Natural Resources Conservation Service  
U.S. Fish and Wildlife Service  
St. Charles Park District

# What is the Envirothon?

The Envirothon is an exciting, fun way for high school students to learn about the environment. It combines in-class curriculum with hands-on field experiences, while demonstrating the role people have in important environmental issues, such as forestry and wildlife management, water quality, and soil erosion.

At the completion of the year-long learning process, the Envirothon conducts a series of competitions where students are tested on five subjects: soil, aquatics, wildlife, forestry and a specific environmental issue, which changes from year to year.

## The Envirothon Experience

- 🌍 Enhances a student's critical thinking and problem solving skills
- 🌍 Allows students to share lifestyles and stories with other youth
- 🌍 Gives students the ability to be role models in their community
- 🌍 Prepares the students for future careers in natural resources areas



## Aquatics

The students learn about watersheds, water quality and aquatic organisms. They will also be familiar with major methods and laws used to protect water quality and utilize this information to make management decisions to improve the quality of water in a given situation.

## Forestry

The students will learn to understand basic forest management concepts and tools such as: how various silvicultural practices are utilized, the use of tree measuring devices, and best management practices. They will also understand forest ecology concepts and factors affecting them.

## Soils

Students will learn to determine basic soil properties and limitations, such as mottling and permeability. They will be able to identify types of soil erosion and discuss methods for reducing erosion. They will be able to discuss how soil is a factor in, or impacted by non-point source pollution.

## Wildlife

In this subject, the students will learn to describe the major factors affecting threatened and endangered species and methods used to improve the populations of these species. They will also be able to discuss various ways the public and wildlife managers can help in the protection, conservation, management, and enhancement of wildlife populations.

## 2012 Current Environmental Issue

### “Nonpoint Source Pollution/Low Impact Development”

**Nonpoint source pollution**, unlike pollution from industrial and sewage treatment plants, can come from many different sources. Stormwater runoff carries pollutants into our streams, rivers, reservoirs and other bodies of water. Students will learn how **Low Impact Development (LID)** can help protect and restore water quality. LID techniques manage water and water pollutants at the source and thereby prevent or reduce the impact of development on rivers, streams, lakes, coastal waters, and ground water.