



Envirothon NB 2017



Experience Nature's Classroom

What: Envirothon NB

17th Annual Provincial Competition

New Brunswick's High School Bilingual Environmental Education Competition

Administered by:

Science East

& the Envirothon NB Steering Committee (J.D. Irving Limited, NR Can / CFS, Agriculture and Agri-foods Canada, Petitcodiac Watershed Alliance)

Competition Dates:

Sunday, May 14 – Monday, May 15, 2017

Condensed Schedule: Sunday: Registration, Field Testing, Team Sequestering for oral presentation prep;

Monday: Team Oral Presentation Rounds, Award Ceremonies.

Where:

University of New Brunswick, Fredericton, NB

Award Ceremonies –

Auditorium Room 102, Tilley Hall, UNB;

Beginning at 3:30 pm Monday May 15, 2017

Becky Geneau, Program Coordinator, Envirothon NB –

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Audience: Participating Schools totaling = 16 Teams, 80 Students (grades 6-12), 19 Advisors/Teachers, 5 Committee Members and 15 Volunteers, and 20 Judges.

Bernice MacNaughton High School (2 Teams)

Harbour View High School (2 teams)

Oromocto High School

Riverview High School (3 teams)

Saint Malachy's Memorial High School

Stanley High School (2 teams)

Three Oaks Senior High (PEI) (2 teams)

Polyvalente Louis-Mailloux

Annapolis West Education Centre (NS)

Envirothon NB is offered on a nondiscriminatory basis without regard to race, colour, national origin, religion, sex, age, marital status or physical challenges.



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(How it all Began; About Envirothon NB; and The Envirothon NB Experience)

How It All Began

Envirothon was started in 1979 by three Pennsylvania soil and water conservation districts. By 1988, the idea had caught on and the first national contest was held. After a decade of national competitions across the states, gathering more popularity as time went on, Canon U.S.A. became the official sponsor of Envirothon in 1998. Since then, the competition has been called the Canon Envirothon. Canon provides the top three teams with scholarships to a college/university/trade school of choice.

Nova Scotia became the first Canadian province to participate in Envirothon in 1993, and has been competing ever since. It also hosted the 2000 Canon Envirothon competition at Acadia University in Wolfville, where New Brunswick took part in its first Envirothon. Harvey High School represented the province at the 2000 Canon Envirothon competition.

The first official provincial Envirothon competition in New Brunswick was held in May 2001, and with its inaugural start, New Brunswick also became the first jurisdiction to hold a bilingual competition. Although Ontario has been hosting regional Envirothon competitions in French only, Envirothon New Brunswick 2001 was the first bilingual competition in North America.

Canadian provinces which have participated in the North American Envirothon are: Alberta, British Columbia, Manitoba, New Brunswick, Newfoundland, Nova Scotia, Ontario, Prince Edward Island, Saskatchewan and the Yukon Territory.

About Envirothon NB

Provincial Envirothon teams can register five students and one alternate, with up to two advisors (teachers, parents, or interested volunteers) to guide the team. Resource materials, such as lists of websites and contact people, are furnished to help teams prepare for the provincial competition.

Throughout the school year, teams increase their knowledge of five environmental subjects: **soils and land use, forestry, aquatic ecology, wildlife** and a **fifth topic of environmental concern that changes annually**. The 2017 Envirothon Topic is ***Sustainable Agriculture and Water Conservation Stewardship***.

Workshops and field trips with professionals can be done throughout the year in preparation for the provincial competition.

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At the Envirothon NB Competition in May 14 & 15, 2017, the students' theoretical and field knowledge is examined through outdoor field tests under the supervision of natural resources professionals, such as aquatic and wildlife biologists, foresters, and soil scientists. During these field tests, the students will be asked to do such things as measure the height of trees, describe nutrient cycles in aquatic systems, and identify signs of wildlife.

During the competition, the teams are also asked to devise and present a proposal to deal with a serious environmental concern presented to them a month in advance. Integrating all five subject areas, and presenting their proposal in a manner that the public will understand, helps students understand real-world issues involving ecology and the environment.

The Envirothon NB Experience

Combining in-class curriculum and hands-on field experiences, the Envirothon NB program is an excellent way to supplement environmental education inside and outside the traditional classroom.

Envirothon NB participants gain valuable knowledge and training in ecology and natural resource management principles and practices. Many students step away from the Envirothon experience excited about learning and motivated to pursue careers in environmental studies, environmental law, natural sciences, and natural resource management.

- Students gain current, practical knowledge of local ecosystems and sustainability issues from environmental professionals.
- Students increase their understanding of basic science concepts in the areas of forests, wildlife, soils and aquatic ecology.
- Students gain a practical understanding of the impact of human activities on the environment and avenues of minimizing negative effects.
- Envirothon creates a forum for secondary school students to explore environmental issues from a variety of viewpoints with their peers, natural resources professionals and community leaders.

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Additional Information:

- **University of New Brunswick, Faculty of Forestry and Environmental Management offers a \$500 Envirothon Scholarship** to any student who participates at the Provincial Competition.

- Proud Supporters include:
 - Environmental Trust Fund
 - Wildlife Trust Fund
 - J.D. Irving Limited
 - Natural Resources Canada
 - Department of Education
 - Fundy Model Forest
 - University of New Brunswick, Faculty of Forestry and Environmental Management
 - Agriculture and Agri-foods Canada
 - Petitcodiac Watershed Alliance
 - City of Moncton
 - Irishtown Nature Park
 - Maritime College of Forest Technology
 - Forest NB
 - Canadian Woodlands Forum – SFI
 - Forest NS
 - NCF – Envirothon
 - Quartermain Earth Science Centre

- This is the 17th Anniversary of Envirothon NB. (2001 – present)

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