

Resources

Ausable Bayfield Conservation Authority
www.abca.on.ca or 519-235-2610

Maitland Valley Conservation Authority
www.mvca.on.ca or 519-335-3557

Upper Thames River Conservation Authority
www.thamesriver.on.ca or 519-284-2829 ext. 422

Agriculture and Agri-Food Canada
www.agr.gc.ca

Bluewater Recycling Associaton
www.bra.org

Canadian Nature Federation www.naturecanada.ca

Canadian Solar Industries Associaiton
www.cansia.ca

Canadian Wildlife Federation ~ www.cwf-fcf.org

Canadian Wildlife Service
www.cws-scf.ec.gc.ca

Conservation Ontario
www.conservation-ontario.on.ca

Ducks Unlimited ~ www.ducks.ca

Environment Canada ~ www.ec.gc.ca

Fisheries and Oceans Canada
www.dfo-mpo.gc.ca/index.htm

Great Lakes Information Network
www.great-lakes.net

Healthy Home Guidebook
www.nation.on.ca/healthy_home.htm

Hinterland Who's Who ~ www.hww.ca

Invasive Species ~ www.invadingspecies.com

Lake Huron Centre for Coastal Conservation
www.lakehuron.on.ca

Ministry of Agriculture and Food
www.omafra.gov.on.ca

Ministry of the Environment
www.ene.gov.on.ca

Ministry of Natural Resources
www.mnr.gov.on.ca/mnr

Nature Conservancy of Canada www.natureconservancy.ca

Natural Heritage Information Centre
<http://nhic.mnr.gov.on.ca/nhic-.cfm>

Natural Resources Canada ~ www.nrcan.gc.ca

Ontario Federation of Agriculture ~ www.ofa.on.ca

Ontario Nature ~ www.ontarionature.org

Ontario Provincial Parks ~ www.ontarioparks.com

Ontario Soil & Crop Improvement Association
www.ontariosoilscrop.org

Ontario Stewardship - Huron & Perth
www.ontariostewardship.org

Ontario Woodlot Association
www.ont-woodlot-assoc.org

Parks Canada ~ www.pc.gc.ca

Recycling Council of Ontario ~ www.rco.on.ca

Royal Ontario Museum—Ontario's Species at Risk
www.rom.on.ca/ontaroi/risk.php

Soil and Water Conservation Society ~ www.swcs.org

Source Water Protection—protecting drinking water
Thames River Region ~ www.sourcewaterprotection.on.ca
Ausable, Bayfield & Maitland Region ~ www.sourcewaterinfo.on.ca

Species at Risk ~ www.mnr.gov.on.ca/mnr/speciesatrisk
www.on.ec.gc.ca/speciesatrisk; www.spaceforspecies.ca; specie-satrisk.gc.ca; <http://wildspace.ec.gc.ca>; www.on.ec.gc.ca/wildlife

The Weather Network
www.theweathernetwork.com

The Ecological Farmers Association ~ www.efao.ca

Your local municipality

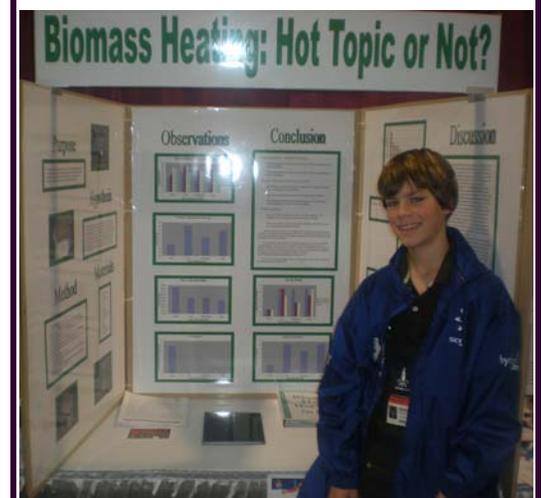
Wetlands ~ www.on.ec.gc.ca/wetlands

Waste Management
www.wastemanagementcanada.com

Senior Inventors' & Science Fair

Conservation Award

Ausable Bayfield Conservation Authority
Maitland Valley Conservation Authority
Upper Thames River Conservation Authority



2008 Senior Science Fair Conservation Award Winner: **Jacob McGavin, Brussels Public**

A conservation education project of the Ausable Bayfield, Maitland Valley and Upper Thames River Conservation Authorities in co-operation with the Avon Maitland District School Board and Huron-Perth Catholic District School Board.



Conservation Award



Help your students become the natural resource managers of tomorrow by doing an environmental science fair project today! The Ausable Bayfield, Maitland Valley and Upper Thames River Conservation Authorities, in co-operation with the Avon Maitland and Huron-Perth Catholic District School Boards will present a Conservation Award to encourage students to explore the complex and exciting field of conservation at the Senior Inventors' and Science Fair. Contact your Local Conservation Authority for more information.

We would like to thank the family of Ross Duncan for their generous donation towards Science Fair activities.

NEW

Award Info.

- presented at the conclusion of the Senior Inventors' and Science Fair competition.
- Award displayed in the winning student(s) school until the following year
- Award winner(s) will receive a memento and a **\$75 cash award** on behalf of the three Conservation Authorities for his/her achievements.

Project Requirements

- The project must be an environmental/conservation project with a local focus.
- The basic project requirements defined by the Science Fair Committee.
- Competition for the Award is open to students in grades 7-9.
- Judging criteria for the Conservation Award will follow those set out by the Science Fair Committee.

Topic Suggestions

****Remember all topics must have a local focus****

- What is a watershed? What does it do? Why is it important? Build a watershed model.
- Flooding - Investigate the different methods used by Conservation Authorities for flood control (e.g. dams, wetlands, etc.).
- Investigate and determine what the benefits are to recycling and composting. What can be done with/ what happens to the materials that are recycled/ composted?
- Constructed wetlands

- Local species at risk - e.g. Eastern spiny softshell turtle, wood turtle, southern flying squirrel, queen snake.
- Renewable energy (e.g. solar, wind, geothermal).
- Climate change - how it affects animal migration and movement; changes to crop production; changes in plants.
- Invasive plants - what is their impact on native species? Where are they thriving? e.g. Purple loosestrife, garlic mustard, mullein.
- What are the benefits to growing native plants vs. non-native plants?
- Invasive species - what are they and why are they coming to Ontario? e.g. Emerald Ash Borer.
- Create your own report card for your home to look at how well your family handles composting, recycling, energy efficiency, etc.
- The effect of road salt on natural communities e.g. have municipal road salt plans improved/ reduced salt use? Look at how road salt can affect plants, water, etc.
- Waste disposal - rates of decomposition.