

11th ANNUAL

A. D. LATORNELL CONSERVATION SYMPOSIUM



FINAL PROGRAM

NOVEMBER 17, 18, 19, 2004

NOTTAWASAGA INN
ALLISTON, ON

HOSTED BY:
CONSERVATION ONTARIO

AND

THE CENTRE FOR LAND
AND WATER STEWARDSHIP
UNIVERSITY OF GUELPH



Conservation
ONTARIO
Natural Champions

UNIVERSITY
of GUELPH

www.latornell.ca

STEWARDSHIP: FROM STRATEGIES TO ACTIONS



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Merebeth Switzer, Ducks Unlimited Canada

Stuart Mallany, Ontario Ministry of Natural Resources

John Ferguson, Environmental Commissioner's office of Ontario

Steve Wilkins, Ontario Ministry of Natural Resources

Al Rose, Fisheries and Oceans Canada

John Lackey, Soil and Water Conservation Society

Jody Wingfield, Fisheries and Oceans Canada

Peter Mitchell, University of Guelph

Kim Gavine, Oak Ridges Moraine Foundation

Ron Scott, Dream Auction Coordinator

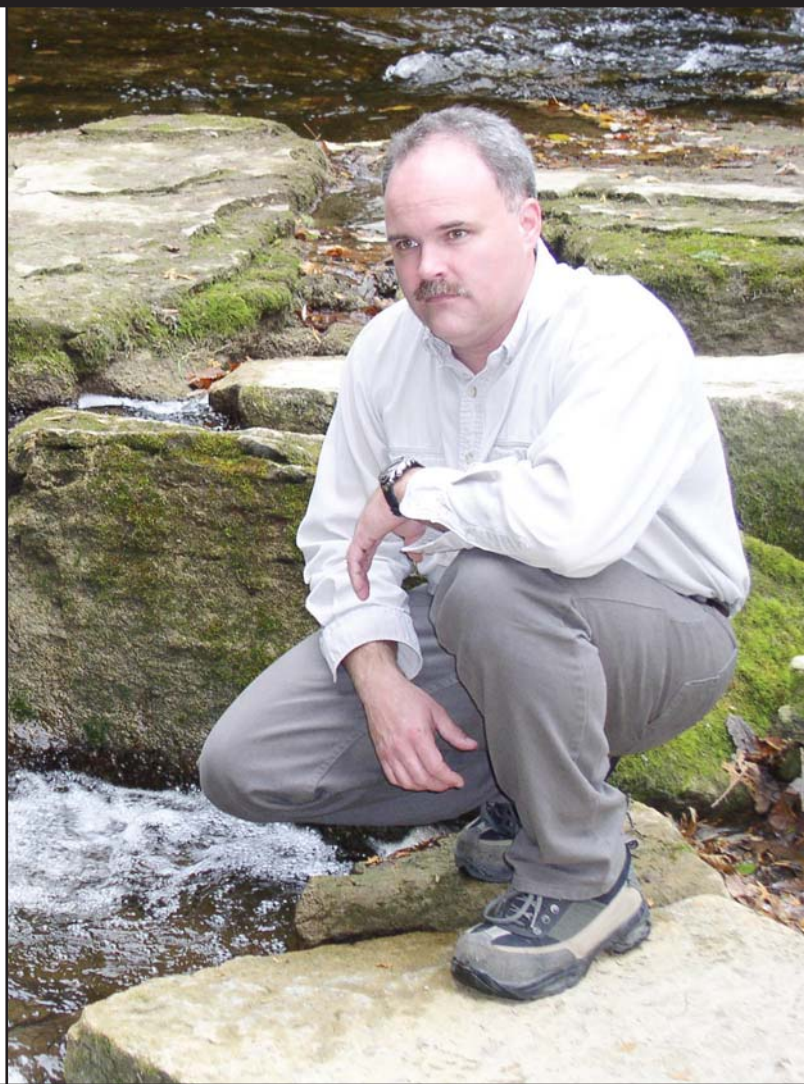
Welcome Chair's message

On behalf of the Steering Committee, I would like to welcome everyone to the 11th Annual A.D. Latornell Conservation Symposium. The main sponsors for the event, Conservation Ontario and the Centre for Land and Water Stewardship, University of Guelph, have partnered with many other Ontario agencies and groups to organize and deliver an exceptional program. Special thanks to all our funding sponsors for their commitment in supporting this important event.

This year's theme "Stewardship: From Strategies to Actions," refers to the need for all of us to take responsibility for the preservation and protection of our land, water and air resources in order to ensure we all live and work in healthy watersheds. The conference will explore approaches to successful stewardship that considers the human, environmental and economic requirements for sustainable communities.

Our namesake for this event, Arthur D. Latornell, was a great mentor for young people and each year, the Symposium strives to provide a variety of opportunities for students and young conservationist professionals to feature original research and network with more experienced practitioners from across the various sectors. This year, through the student poster presentations, we are pleased to feature some very innovative student research projects that look at topical issues such as: water, forestry, stakeholder consulting, environmental monitoring and organizational capacity building.

We hope you take the opportunity to attend and participate in all the activities designed to make this Symposium a noteworthy event.



Please don't forget to complete the evaluation form included with your registration package as we always look forward to your comments and suggestions. We hope you have an enjoyable conference.

Chris Hachey, Chair
11th Annual A.D. Latornell Symposium Steering Committee
November 17, 18, 19, 2004

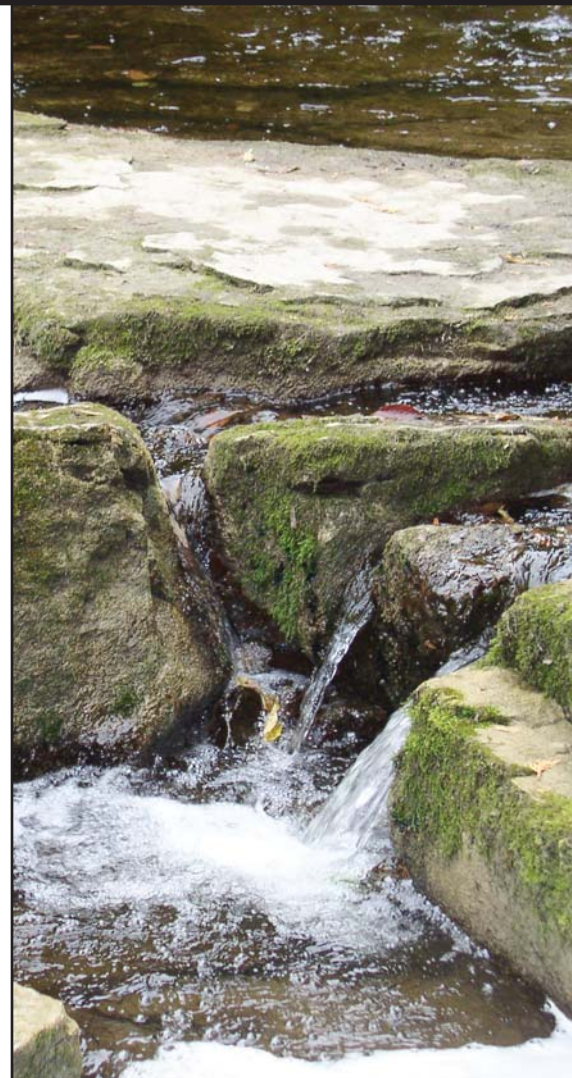


A.D. Latornell Award of Merit

Every year the Ontario Chapter of the Soil and Water Conservation Society (SWCS) invites applications from post-secondary students and practicing professionals in the field of resource management to be considered for the A.D. Latornell Award of Merit. The annual awards of \$600 are funded through a permanent endowment fund from the estate of Art Latornell. The successful applicant or applicants are selected by a volunteer committee and the award is presented at the Latornell Conservation Symposium.

This year's award winner in the student category is Aisha Chiandet. Aisha is a fourth-year student in Environmental Science at the University of Guelph. As part of the award, Aisha is sponsored to attend the Symposium, and receives a one-year membership in SWCS. Aisha will be presented with the A.D. Latornell Award of Merit on Wednesday, November 17th during the Harvest Banquet Dinner.

There were no applications in the non-student category this year.



A.D. Latornell Grant

The A.D. Latornell Conservation Symposium Grant was established in memory of Art Latornell to provide support for deserving students and active members of the conservation community so that they may attend the annual Symposium. The funds are proceeds raised by the Symposium Dream Auction. The aim of the Grant is to award successful applications with their registration and accommodation for the Symposium.

Any individual registered in a Canadian University or College, or affiliated with non-government/community organization is eligible to apply. This year, 14 recipients were awarded the Grant, nine of which were students and five from the non-for-profit and volunteer sector.

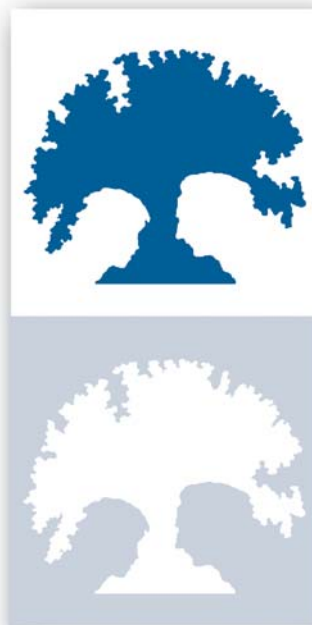
A.D. Latornell Symposium 1993-2004

The A.D. Latornell Conservation Symposium is one of Ontario's largest annual conference focusing on environmental and conservation issues. Attracting over 750 people over a three day-period, it has become a vibrant gathering of conservation professionals from government and non-government organizations alike. It is the best single place to hear up-to-date presentations on current conservation issues facing Ontario.

The Symposium has been co-sponsored from its inception by Conservation Ontario and the Centre for Land and Water Stewardship at the University of Guelph.



This Symposium is held in the memory of Arthur Douglas Latornell, a leading conservationist, who was dedicated to the grass roots conservation movement in Southern Ontario. He was a strong mentor to young people who were interested in the field of conservation and he was an important promoter of Conservation Authorities across Ontario.



The A.D. Latornell logo was designed to represent the significant aspects of Art Latornell's life and legacy. The logo is a silhouette of an ancient tree, which represents the conservation of natural resources and Art's long-standing interest in the natural world. The background areas formed by the tree trunk contain the profiles of two people, a young student and a mentor.



Program at a Glance

Day 1 Wednesday, November 17

8:00 a.m. – 10:00 a.m. Registration

10:00 a.m. Conservation Dome

Welcome and Introductions

10:30 a.m. – 12:00 p.m. Plenary Session

Keynote Speakers

- Stewart Hilts, University of Guelph
Stewardship: Evolution or Revolution?
- Eric Whan, Globescan
Public Opinion and the Environment 2004: Results of the First-Ever Global Poll on Humanity's Relationship with Nature
- David Bell, York University
Sustainability as Stewardship

Break

12:00 p.m. – 1:30 p.m. Luncheon Banquet

- Stephen Born, University of Wisconsin Madison
Beyond Watershed Partnerships and Strategies: Getting From Words to Achievements

2:00 p.m. – 3:30 p.m. Concurrent Sessions

- W1A** Factors for Successful Watershed Stewardship Initiatives
- W1B** The Social Trust
- W1C** Applying the Science: Conservation Biology and Landscape Ecology
- W1D** Putting Ontario into Context — Global and National Directions in Source Water Protection
- W1E** Sustainable Agriculture Panel
- W1F** Forest Health
- W1G** Young Conservation Professionals - Tomorrow's Leaders Part 1

3:30 p.m. – 4:00 p.m. Break

(see floor plan for break area stations)

4:00 p.m. – 5:30 p.m. Concurrent Sessions

- W2A** Communicating the Science for Effective Watershed Stewardship
- W2B** Carrots and Sticks
- W2C** Asking the Right Questions, Species/Habitat Relationships
- W2D** Integrated Water Resources Management: How Does Source Protection Fit in with Public Health?
- W2E** Saving the Countryside from Sprawl: Linking Urban and Rural Through the Food Chain
- W2F** Forest Management — Economics and Opportunities
- W2G** Young Conservation Professionals - Tomorrow's Leaders Part 2

5:30 p.m. – 7:00 p.m. Exhibitor's Gallery

- Wine and Cheese Reception
Special guest, Ontario Minister of the Environment, the Honourable Leona Dombrowsky
"Just Friends" Jazz Trio, Harbour Estate Winery Wines

7:00 PM – 9:00 PM Conservation Dome

- Harvest Banquet Dinner
- A.D. Latornell Award of Merit, SWCS

Keynote Speaker

Monte Hummel, World Wildlife Fund Canada
Conservation For and By Local Communities

9:00 p.m. – 12:00 p.m. Hospitality Suite

- "Painted Dogs" Rock Band (see floor plan for location)

Day 2 Thursday, November 18

8:30 a.m. – 10:00 a.m. Concurrent Sessions

- T1A** Collaborating for Watershed Stewardship Part 1
- T1B** Sharing Strategies
- T1C** Natural Heritage Planning on the Landscape Scale
- T1D** Managing the Risks — The Science of Source Water Protection Planning
- T1E** Innovative Approaches to Environmental Issues in Agriculture
- T1F** Fisheries Conservation and Stewardship
- T1G** Get Strategic With Your Communications Planning

10:00 a.m. – 10:30 a.m. Break

(see floor plan for break area stations)

10:30 a.m. – 12:00 p.m. Concurrent Sessions

- T2A** Collaborating for Watershed Stewardship — Facilitated Discussions Part 2
- T2B** Urban Stewards
- T2C** Natural Heritage Planning Applications on the Landscape Scale — Part 2
- T2D** What Happens After the Planning is Done? Implementing Source Protection Plans
- T2E** Trends in Agri-Environmental Policy
- T2F** The Fiscal Reality of Fisheries Conservation
- T2G** Ecological Literacy: New Approaches

12:00 p.m. – 1:45 p.m. Conservation Dome

- Conservation Pioneer Luncheon
Presentation of the Conservation Pioneer Awards
- Tom Prout, Master of Ceremonies

2:00 p.m. – 3:30 p.m. Concurrent Sessions

- T3A** Building the Science for Effective Watershed Stewardship
- T3B** Mobilizing the Capacity, Skills and Gifts of People
- T3C** Natural Heritage Planning — Lessons Learned
- T3D** Roles, Responsibilities and Challenges
- T3E** Environmental Farm Planning: A Panel Discussion
- T3F** Changing Fisheries: A Management Challenge
- T3G** Influencing Change Through Community — Based Social Marketing

3:30 p.m. – 4:00 p.m. Break

(see floor plan for break area stations)

4:00 p.m. – 5:00 p.m. Interactive Workshops

- T4A** Building the Science for Effective Watershed Stewardship
- T4B** See and Be Seen on the Canada Stewardship Portal
- T4C** Young Conservation Professionals (YCP) Networking 101
- T4D** Waste Water Treatment Plant Tour at the Nottawasaga Inn
- T4E** Engaging Individuals in Urban and Rural Stewardship Programs
- T4F** Interactive Workshop on the Environmental Farm Plan
- T4G** Building Effective Websites
- T4H** Tools of Change
- T4I** Twenty Valley/Jordan Harbour Tourism Development Project

5:00 p.m. – 7:00 p.m. Conservation Dome

- Opening of Dream Auction
- Student Posters “Science and Stewardship”
(choose your favourites!)

7:00 p.m. – 10:00 p.m.

- Gala Banquet and Dream Auction
- Entertainment: Todd Butler, Guest Host of CBC’s “Madly Off In All Directions”
- Hospitality Suite to follow

Day 3 Friday, November 19

7:00 a.m. Conservation Dome Breakfast

- 7:45 a.m.** • Keynote address, Ontario Minister of Natural Resources, the Honorable David Ramsay

8:30 AM - 10:00 AM Concurrent Sessions

- F1A** Building the Science for Effective Watershed Stewardship
- F1B** Creative Connections Supporting Stewardship Actions
- F1C** Habitat Protection for Species at Risk
- F1D** Municipal Planning and Source Protection Planning — It Can Be Done
- F1E** Rural Initiatives — Stewardship in Action
- F1F** Comparing the Challenges
- F1G** IT Collaboration: Sharing Problems and Ideas

10:00 a.m. – 10:30 a.m.

(see floor plan for break area stations)

10:30 a.m. – 12:00 p.m. Concurrent Sessions

- F2A** Building the Science for Effective Watershed Stewardship
- F2B** Community-based Monitoring of Ecosystem Change: Providing Information for Informed Decision Making, Adaptive Management and Stewardship
- F2C** Monitoring Natural Heritage Planning and Systems
- F2D** Permit To Take Water — Understanding the New Direction
- F2E** Managing Headwater Drainage Systems
- F2F** All-Terrain Vehicles and Protected Areas - Chasing Problems, Looking for Solutions
- F2G** IT Collaboration: Multi-Agency Collaboration

12:00 p.m. Conservation Dome

- Luncheon
- Canadian Water Resources Association Distinguished Service Award presentation to Justice Dennis O’Connor, former Commissioner of the Walkerton Inquiry
- Acknowledgements and Wrap-up Remarks

Student Moderators

The A.D. Latornell Conservation Symposium Steering Committee also wishes to acknowledge and thank the 2004 Student Moderators who are assisting with the facilitation of the the Concurrent Sessions:

Next Year's Symposium... mark your calendars, the 2005 A.D. Latornell Conservation Symposium will be held on November 16, 17, 18, 2005. Visit the Symposium Web site regularly for Program details. Don't forget to complete the questionnaire found in your Registration kit to provide us with any comments or views for the 2005 Symposium.

Connor Houston
Cecilia Ferreyra
Jessica Paterson
Suzanne Young
Hayley Berlin
Daniella Molnar
Karen Gallant
Shannon Tomlinson

Andrea Dube
Nikki May
Andrew Olinski
Bill DeYoung
Cheri Mongeon
Bryan Poirier
Paul Richardson



Program Details 2004

Day 1

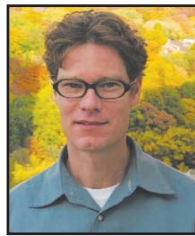
Wednesday November 17

10:00 a.m. Welcome and Introductions (Conservation Dome)
Chris Hachey, Chair, A.D. Latornell Conservation Symposium
Peter Krause, Chair, Conservation Ontario
Richard Hunter, Conservation Ontario (Master of Ceremonies)

10:30 a.m. Plenary Session/Keynote Speakers



Stewart Hiltz
University of Guelph,
*Stewardship: Evolution
or Revolution?*



Eric Whan
Globescan
*Public Opinion and the
Environment 2004: Results of
the First-Ever Global Poll on
Humanity's Relationship
with Nature*



David Bell
York University
*Sustainability as
Stewardship*

12:00 p.m. – 1:30 p.m. Luncheon Banquet

Stephen Born
University of Wisconsin Madison
*Beyond Watershed Partnerships and Strategies:
Getting From Words to Achievements*



Thank you to our Speakers!

Each year, a charitable donation is made by the A.D. Latornell Conservation Symposium on behalf of the many speakers who provide such an enriching experience for participants. The donation is made to a non-profit or charitable organization that reflects the theme and values of the Symposium.

This year, to celebrate our 11th annual Symposium, we are pleased to make a \$3,000 donation to Otonabee Conservation to assist them in a community stream stewardship project aimed at restoring the natural features of the Kiwanis Recreational Trail that were damaged by the July 15th, 2004 Peterborough Flood.



Day 1

Wednesday, November 17 Program Details

Times

Concurrent Sessions
2:00 p.m. – 3:30 p.m.

W1A

Watershed Stewardship
Andrew Olinski
Room 10

Factors for Successful Watershed Stewardship Initiatives

Explore the factors that affect the creation of successful watershed stewardship initiatives from three key perspectives: delivery agents, landowners and funding agencies.

Supporting Watershed Stewardship for Conservation Authorities: Barriers and Solutions

Nicole Carter, Conservation Ontario
Community/Landowner Participation in Watershed Stewardship — Elements of Success

Peter Mitchell, Beaver River Watershed, Grey County

A Case Study of the Hamilton-Halton Stewardship Program

Anne Borgmann, Great Lakes Sustainability Fund

W1B

Community Stewardship
Jessica Paterson
Room 11

The Social Trust

In Canada, it is estimated that over 6.5 million people dedicate over one billion hours to volunteering — a full-time job equivalency of 550,000 hours. To further encourage such participation, we must face the challenge of creating strategies to renew society's trust in institutions.

Aiming High — Renewing Trust

John Dalla Costa, Centre for Ethical Orientation

Building Relationships — Responsibilities and Expectations for both Organizations and Funders

Bonnie Green, Voluntary Sector Forum

W1C

Natural Heritage
Mike Puddister
Room 16

Applying the Science: Conservation Biology and Landscape Ecology

While research continues on a variety of fronts, it is essential that the results are communicated to practitioners if we are to make progress in protecting and restoring natural heritage systems.

Habitat: a Fundamental in Landscape Ecology and Conservation Management

Gray Merriam, Landscape Ecologist

How Roads are Exterminating Reptiles from Canada

Ronald J. Brooks and Joseph Crowley, University of Guelph.

The Status of the Science in Protecting Significant Wildlife Habitat in Ontario

Al Sandilands, Gray Owl Environmental Inc.

Break

3:30 p.m. – 4:00 p.m.
(see floor plan for break area stations)

W2A

Watershed Stewardship
Cecilia Ferreyra
Room 10

Communicating the Science for Effective Watershed Stewardship

To provide access to water resources information to the rural community, Conservation Ontario has partnered with the Ministry of the Environment and the Ministry of Natural Resources on a pilot project to develop a method for providing source protection information for rural and agricultural landowners and municipalities.

This session will explore the process of communicating water-related information to a rural audience from start to finish. Topics will include evaluating the accuracy and usability of existing information and landowner reaction to the information. Web-based communication, office kiosks and a face-to-face approach will be considered.

Evaluating Existing Information and Filling Gaps

Brian Luinstra, Maitland Valley Conservation Authority

Considerations for Developing an Internet Mapping Approach

Rick Steele, Maitland Valley Conservation Authority

Communication Method Preferences and Reaction to Information

Jayne Thompson, Maitland Valley Conservation Authority

W2B

Community Stewardship
Connor Houston
Room 11

Carrots and Sticks

This session will feature an open panel discussion of experiences using the whole array of tools from education and economic instruments to regulation and enforcement for promoting and ensuring sustainable practices.

Encouraging Sustainability

Colin Issacs, Contemporary Information Analysis Limited Group

Designing the Green Economy

Brian Milani, York University

Enforcing Sustainability

Jerry DeMarco, Environmental Lawyer and Planner

W2C

Natural Heritage
Hayley Berlin
Room 16

Asking the Right Questions, Species/Habitat Relationships

The effective conservation of species requires that biologists and planners have the right information that is appropriate and taken within an ecosystem context.

How Much Habitat is Enough? Framework for Guiding Habitat Rehabilitation on the Great Lakes

Graham Bryan, Environment Canada

Critical Function Zones, Protection Zones and Buffers

Brian Henshaw, Gartner Lee Ltd.
Developing a Natural Heritage Strategy Model for the Town of New Tecumseh

— An Integration of Terrestrial Values

Dave Featherstone, Nottawasaga Valley Conservation Authority



Leona Dombrowsky



Monte Hummel

5:30 p.m. – 7:00 p.m.

7:00 p.m. – 9:00 p.m.

Exhibitor's Gallery Wine and Cheese Reception - Special guest, Ontario Minister of the Environment, the Honourable Leona Dombrowsky • "Just Friends" Jazz Trio • Harbour Estate Winery Wines
Conservation Dome Harvest Banquet • A.D.Latornell Awards of Merit • **Keynote Speaker** - Monte Hummel, World Wildlife Fund Canada *Conservation For and By Local Communities*

W1D

Source Water Protection
Suzanne Young
Room 15

Putting Ontario into Context— Global and National Directions in Source Water Protection

Today, source water protection is a global issue. Hear from leading experts about international directions in water protection.

*United Nations Environment Program's
Global Environmental Monitoring System
for Water Reaching the Poorest with
Water and Sanitation Services*

Greg Keast, UNICEF

*Turf and Ego: Opportunities and
Obstacles in Watershed Management*

Isobel Heathcote, University of Guelph
*The Great Lakes "Annex": Ecosystem
Approach, U.S. Water Management, and
Strengthening Canada's Role in
Preventing Diversions*

Reg Gilbert, Great Lakes United

W1E

Rural Stewardship
Karen Gallant
Room 19

Sustainable Agriculture Panel

The Sound of New Country: How City Folk and Farm Folk can become better neighbours in the new countryside.

A Farmer's perspective on the Relationship

Nancy Walthers, Ontario Federation
of Agriculture
Elbert von Donkersgoed, Christian
Farmers Federation of Ontario
Alex Murray, York University

W1F

Resource Management: Forestry
Andrea Dube
Room 6

Forest Health

Forestry professionals are becoming "doctors on call" for local forest health issues. This session will examine the emerging issues and how to diagnose the problems.

Forest Health Overview

*911 Forest Pests — The Asian
Longhorned Beetle*

Bill Biggs, Canadian Forest Service

Putting a Face on "Beech Bark Disease"

Carla Grant, Ontario Forestry Association

W1G

Young Professionals
Clare Mitchell
Room 18

Young Conservation Professionals — Tomorrow's Leaders Part 1

Many driven and enthusiastic Young Conservation Professionals (YCPs) leap at the opportunity to apply their academic skills by pursuing a career in the conservation field. However, in an ever-changing and challenging work environment, a lack of clear guidance and direction can cause them to question their future in this vocation.

This is the first part of a two-part session. This session is structured as an open forum for YCPs and employers of YCPs that will allow them to share work experiences in the field. Panel presentations, facilitated discussion and breakout group collaboration will aim at developing strategies to facilitate the successful transition of YCPs into the field of conservation.

*Perspectives from Young Conservation
Professionals*

Lisa McLaughlin, Nature Conservancy of Canada

Kevin Butt, Aboud & Associates Ltd.

Jody Wingfield, Fisheries and Oceans Canada

W2D

Source Water Protection
Daniella Molnar
Room 15

Integrated Water Resources Management: How Does Source Protection Fit in with Public Health?

Management of water resources on an integrated watershed basis is widely accepted but seldom practiced. Source water protection is an opportunity to put theory into practice.

*Source Protection from a Water
Supply Perspective — The Public
Safety Imperative*

Tim Lotimer, Lotowater Geoscience
Consultants Ltd.

*Watershed Approach to Source
Water Protection*

John Fitzgibbon, University of Guelph

Making it Work in Ontario

Lorrie Minshall, Grand River
Conservation Authority

W2E

Rural Stewardship
Wayne Roberts
Room 19

Saving the Countryside from Sprawl: Linking Urban and Rural Through the Food Chain

This session will explore local food production and its availability in urban centres as a strategy to support nearby urban farmers and sustain rural life, landscapes and values.

*The Green Market in New York City:
We Can Do It Too!*

David Gurin, Planning Consultant

Local Agriculture as a Conservation Issue

Lori Stahlbrand, Food Share Toronto

*Greening the Countryside —
Strategies to Action*

Josh Matlow, Earthroots

W2F

Resource Management: Forestry
Andrea Dube
Room 6

Forest Management — Economics and Opportunities

This session will examine ways to promote stewardship and the wise use of private woodlots.

*Forest 2020 Plantation Demonstration
and Assessment Initiative*

Ann Koven, Trees Ontario, Steve Dominy,
Ontario Forestry Association

*Building a Case for Sustainable
Management of Private Woodlands*

*"Can the long term economic returns
generated from well managed forests in
Southern Ontario compare favorably to
those from agriculture?"*

Steve Bowers, Huron Stewardship
Council and Terry Schwan, Ministry
of Natural Resources

*Norfolk Woodlot Owners Association
"Excellence in Community Leadership"*

Bauke Vogelzang, Norfolk Woodlot
Owners Association

W2G

Young Professionals
Clare Mitchell
Room 18

Young Conservation Professionals — Tomorrow's Leaders Part 2

Many driven and enthusiastic Young Conservation Professionals (YCPs) leap at the opportunity to apply their academic skills by pursuing a career in the conservation field. However, in an ever-changing and challenging work environment, a lack of clear guidance and direction can cause them to question their future in this vocation.

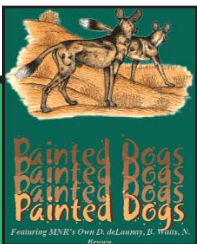
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*Perspectives from Young
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Lisa McLaughlin, Nature Conservancy
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Kevin Butt, Aboud & Associates Ltd.

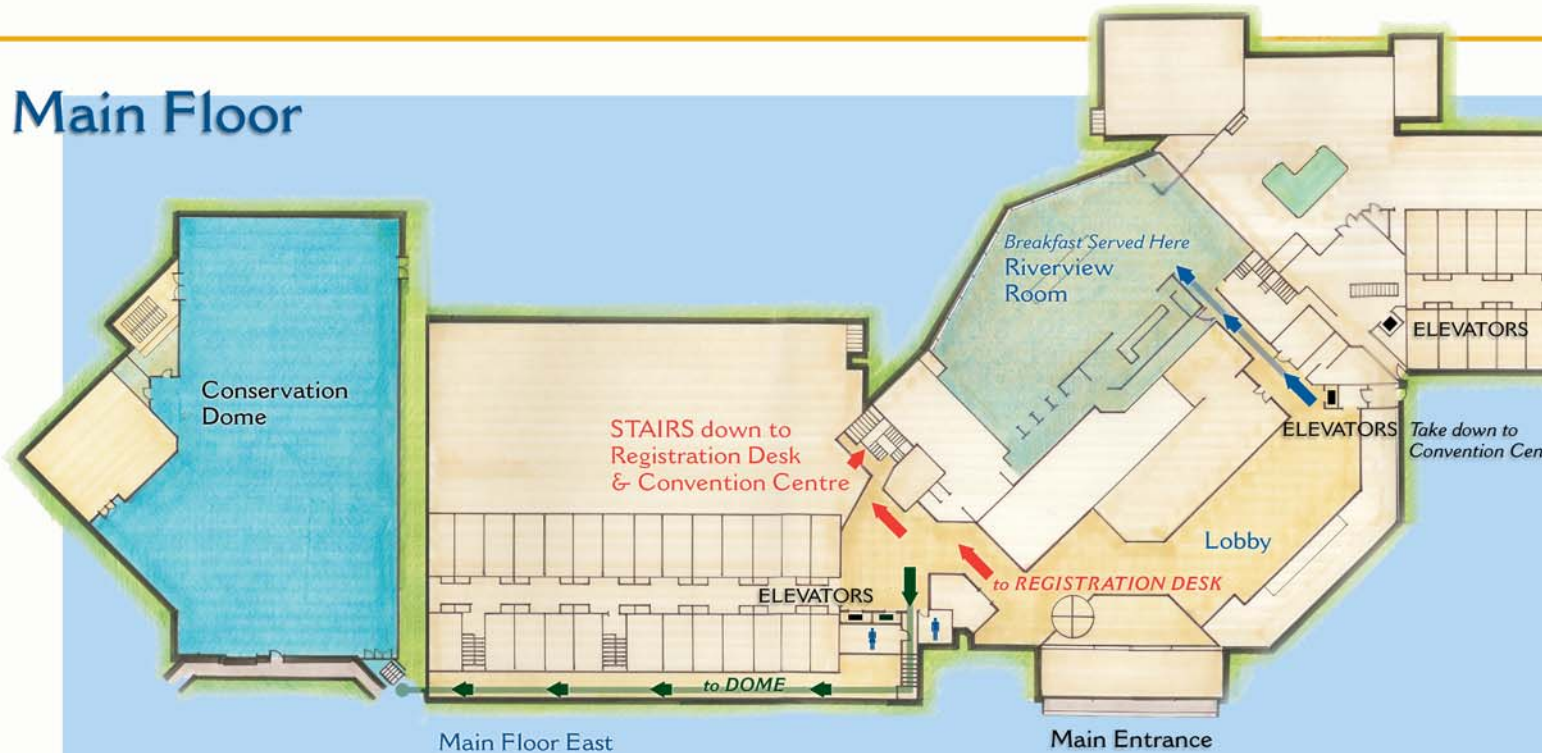
Jody Wingfield, Fisheries and Oceans Canada



9:00 p.m. – 12:00 a.m. Hospitality Suite "Painted Dogs" Rock Band (see floor plan for location)

Nottawasaga Inn Floor Plan for the A.D. Latornell Symposium

Main Floor



Convention Centre (lower level)





SESSION	ROOM	MODERATOR
W1A	10	Andrew Olinski
W1B	11	Jessica Paterson
W1C	16	Mike Puddister
W1D	15	Suzanne Young
W1E	19	Karen Gallant
W1F	6	Andrea Dube
W1G	18	Clare Mitchell
W2A	10	Cecilia Ferreyra
W2B	11	Connor Houston
W2C	16	Hayley Berlin
W2D	15	Daniella Molnar
W2E	19	Wayne Roberts
W2F	6	Andrea Dube
W2G	18	Clare Mitchell
T1A	10	Stewart Hilts
T1B	11	Jessica Paterson
T1C	16	Hayley Berlin
T1D	15	Paul Richardson
T1E	19	Cecelia Ferreyra
T1F	6	Shannon Tomlinson
T1G	18	Bryan Poirier
T2A	10	Stewart Hilts
T2B	11	Jessica Paterson
T2C	16	Paul Richardson
T2D	15	Daniella Molnar
T2E	19	Cecelia Ferreyra
T2F	6	Shannon Tomlinson
T2G	18	Bryan Poirier
T3A	10	Andrew Olinski
T3B	11	Daniella Molnar
T3C	16	Hayley Berlin
T3D	15	Cherie Mongeon
T3E	19	Andy Graham
T3F	6	Shannon Tomlinson
T3G	18	Bill DeYoung
T4A	15	Bill DeYoung
T4B	21	Paul Richardson
T4C	22	Cecelia Ferreyra
T4D	Front Lobby	Suzanne Young
T4E	18	Andrew Olinski
T4F	19	Shannon Tomlinson
T4G	11	Bryan Poirier
T4H	6	Jay Kassirer
T4I	4	Mary Stack
F1A	10	Connor Houston
F1B	11	Daniella Molnar
F1C	16	Hayley Berlin
F1D	15	Suzanne Young
F1E	19	Cherie Mongeon
F1F	6	Lee-Anne Milburn
F1G	18	Karen Gallant
F2A	10	Cherie Mongeon
F2B	11	Andrea Dube
F2C	16	Bill DeYoung
F2D	15	Karen Gallant
F2E	19	Andrew Olinski
F2F	6	Lee-Anne Milburn
F2G	18	Connor Houston

Day 2

Times

Concurrent Sessions
8:00 a.m. – 10:00 a.m.

Break
10:00 a.m. – 10:30 p.m.
(see floor plan for break area stations)

Concurrent Sessions
10:30 a.m. – 12:00 p.m.

12:00 p.m. – 1:45 p.m.

Thursday, November 18 Program Details

T1A

Watershed Stewardship
Stewart Hilts
Room 10

Collaborating for Watershed Stewardship — Part 1

This is the first of a two-part session bringing together lead organizations involved in Canadian Stewardship. This session intends to build upon previous discussion which took place at the 2003 Leading Edge Conference and resulted in a National Watershed Strategy. Part 1 will outline national initiatives that are acting as catalysts, bringing different local stewardship organizations together. Attendees are asked to register for Part 1 & Part 2.

Priority Activities for Watershed Stewardship: Synopsis of the National Coalition Report

Aileen Anderson, National Watershed Stewardship Program
Canada Stewardship Agenda: National Status, Context for Ontario
Owen Williams, Ministry of Natural Resources
Panelist Presentations
Steve Wilkins, Ontario Stewardship Program
Mark Stabb, Wetland Habitat Fund
Jim Anderson, Ducks Unlimited Canada
Andy Graham, Ontario Soil and Crop Improvement Association
Richard Hunter, Conservation Ontario

T1B

Community Stewardship
Jessica Paterson
Room 11

Sharing Strategies

Community groups play a key role in furthering stewardship actions at the local level. This session will explore issues and strategies that can lead towards successful community stewardship.

Collaboration and Competition in Community Conservation and Stewardship

Caroline Shultz, BirdLife International and Environmental Consultant
Upper Credit Rehabilitation Initiative — A Sub-Watershed Success Story
Dave Beaton, Credit Valley Conservation
Community Stewardship in Action: Working with Multiple Partners and Funders to Deliver Environmental Stewardship in “Ontario’s Greenest Town”
Karen Hutchinson, Caledon Countryside Alliance

T1C

Natural Heritage
Hayley Berlin
Room 16

Natural Heritage Planning on the Landscape Scale

Planning must be undertaken at the landscape scale for effective conservation of natural heritage systems. A series of presentations provide direction and tools for this type of analysis.

Comparison of the Oak Ridges Moraine and Niagara Escarpment Natural Heritage Systems

Steve Varga, Ministry of Natural Resources
Application of the Great Lakes Conservation Blueprint
John Riley and Kara Brodribb, Nature Conservancy of Canada

T2A

Watershed Stewardship
Stewart Hilts
Room 10

Collaborating for Watershed Stewardship — Facilitated Discussions — Part 2

Part 2 will feature facilitated discussions with participants by a panel of representatives from six lead stewardship organizations in Ontario. They will discuss actions that we can begin to take to promote effective watershed stewardship collaboratively.

T2B

Community Stewardship
Jessica Paterson
Room 11

Urban Stewards

Approximately 80% of Canadians are urban dwellers and urban development is at an all time high. More than ever, there is a need for urban communities to get involved in stewardship activities in order to reconnect people with the environment. This session will explore methods for engaging community members and volunteers in the stewardship of public spaces in the urban landscape. Examples of highly successful urban stewardship projects will be presented.

Stewards in the City

Carolyn Scotchmer, Evergreen
Slam Dunk Your Junk
Sandra Desrochers, City of Mississauga
Turn Your Key, Be Idle-Free
Brenda Sakauye, City of Mississauga

T2C

Natural Heritage
Paul Richardson
Room 16

Natural Heritage Planning Applications on the Landscape Scale — Part 2

Planning must be undertaken on the landscape scale for effective conservation of natural heritage systems. A series of presentations provide direction and tools for this type of analysis.

Update on Southern Ontario Environmental Protection Initiatives

Fred Johnson, Ministry of Natural Resources
Oak Ridges Moraine Restoration Strategy
Silvia Strobl, Danijela Puric-Mladenovic, Ministry of Natural Resources
Southern Ontario Greenway Strategy
Gregor Beck and Michael Peppard, Ontario Nature

Conservation Dome - Conservation Pioneer Luncheon • Presentation of the Conservation Pioneer Awards • Master of ceremonies, Tom Prout



Tom Prout

T1D

Source Water Protection
Paul Richardson
Room 15

Managing the Risks — The Science of Source Water Protection Planning

Successful source protection will depend on a foundation of credible science. This session will discuss the proposed technical standards.

Developing Ontario's Source Water Protection Program: The Status of Technical Considerations

Ian Smith, Ministry of the Environment
*Source Protection and the Science of
Groundwater Management*

Steve Holysh, Conservation Authorities
Moraine Coalition

Source Protection and the Science of Surface Water Management

Bob Clay, Biological Consultant

T1E

Rural Stewardship
Cecelia Ferreyra
Room 19

Innovative Approaches to Environmental Issues in Agriculture

The agricultural industry continues to lead the way with innovative ideas to both protect the environment and produce safe and nutritious food. These examples are highlighted here.

Integrated Pest Management in the Apple Industry

Bernt Solymar, EarthTramper Consulting
*Advanced Manure Management
Technologies Project*

Don Hilborn, Ministry of Agriculture
and Food

New Approaches for Vegetated Filter Strips, Anaerobic Digestion and Composting

Bob Stone, Ministry of Agriculture
and Food

T1F

Resource Management: Fisheries
Shannon Tomlinson
Room 6

Fisheries Conservation and Stewardship

Governments in general recognize the valuable role of stewardship in the conservation, protection and enhancement of our aquatic environments. This session will emphasize, from a fisheries perspective, the roles and requirements of stewardship from provincial and community viewpoints.

Provincial Role and Perspective

Dave Maraldo, Ministry of
Natural Resources

A Community's Role and Perspective

Jo-Anne Rzadki, Hamilton-Halton
Conservation Authorities

T1G

Communications
Bryan Poirier
Room 18

Get Strategic With Your Communications Planning

Strategic Communications Planning has become a critical aspect for organizations in order to effectively engage and communicate with stakeholders. This session will explore how to put together an effective communications plan as well as how to dovetail local efforts with provincial initiatives.

Creating A Road Map — The "Hows" and "Whys" of Strategic Communications Planning

Angela Carruthers-Coleman, South Nation
Conservation Authority

Dovetailing Local Communications into the Broader Corporate Messaging

Lynette Mader, Ducks Unlimited Canada

T2D

Water Source Protection
Daniella Molnar
Room 15

What Happens After the Planning is Done? Implementing Source Protection Plans

Source protection plans will only have value if they can be implemented successfully. This session will explore the proposed roles and responsibilities for implementation.

Developing Ontario's Source Water Protection Program: The Status of Implementation Considerations

Catherine Brown, Ministry of
the Environment

Considerations for

Conservation Authorities

Gayle Wood, Lake Simcoe Region
Conservation Authority

Oxford County Implementation Pilot Study

Marg Misk-Evans, Oxford County

T2E

Rural Stewardship
Cecelia Ferreyra
Room 19

Trends in Agri-Environmental Policy

The federal approach to agri-environmental policy has taken a new direction. Nutrient management and source protection are two initiatives that take on new provincial direction. This session showcases the key initiatives in this new direction from federal, provincial, farm and conservation perspectives.

Agricultural Policy Framework

Mike Hicknell, Agriculture and
Agri-Food Canada

Provincial Initiatives

Charlie Lalonde/Maxine Kingston,
Ministry of Agriculture and Food

A Farm Perspective

Greg Hannam, AgCARE

A Conservation Authority Perspective

Tom Prout, Ausable Bayfield
Conservation Authority

T2F

Resource Management: Fisheries
Shannon Tomlinson
Room 6

The Fiscal Reality of Fisheries Conservation

There is a very real threat pressuring the conservation of our fisheries resource and the habitats on which they depend. The conflict between economic growth and fisheries conservation has been attracting the attention of a number of conservationists throughout North America. This session will focus on the details surrounding the conflict between economic growth and fisheries conservation and delves into possible solutions.

The Fundamental Conflict Between Economic Growth and Environmental Protection

Brian Czech, President, Center for the
Advancement of the Steady State Economy

What Fish and Wildlife Biologists Can Do About the Conflict Between Economic Growth and Conservation

Kelly Novak, National Association of
Development Organizations

T2G

Communications
Bryan Poirier
Room 18

Ecological Literacy: New Approaches

Changes in the education system and the need for awareness of global environmental issues demand that we rethink how the ecological literacy of youth can be improved. This session will look at new approaches and challenges.

Ontario Ecoschools — A Framework for Literacy and Action in Schools and Climate Change — The Greatest Threat to our Plant

David Green, Toronto and Region
Conservation

Climate Change — The Greatest Threat To Our Planet

David Green, Toronto and Region
Conservation

Ducks Unlimited Canada: Focused Action for Environmental Education

Merebeth Switzer, Ducks Unlimited Canada

Day 2

Times

Concurrent Sessions
2:00 p.m. – 3:30 p.m.

Thursday, November 18 Program Details

T3A

Watershed Stewardship
Andrew Olinski
Room 10

Building the Science for Effective Watershed Stewardship

Conservation Ontario has partnered with the Ministry of the Environment and the Ministry of Natural Resources to assess the ability of three groups of small to mid-sized Conservation Authorities to draw from available mapping, information and staff expertise for source protection planning. Good, sound data is a must for source protection planning, mapping, modelling and sound decision making. This session will review the key data requirements for source protection planning, as well as areas where effort and resources are needed to ensure that the required data is available and accessible across the Province.

Data Requirements and Availability for Source Protection Planning in Rural Ontario

Glenda Rodgers, Lower Trent Conservation
Mark Peacock, Ganaraska Region
Conservation Authority
Frank Kenny, Ministry of Natural Resources

T3B

Community Stewardship
Daniella Molnar
Room 11

Mobilizing the Capacity, Skills and Gifts of People

Participating in environmental stewardship means making a personal commitment to sustain and enhance our lands and waters today and for generations to come. Hear about this commitment first-hand from the “gifted and skilled” stewards themselves.

Community Stream Stewards

Tara Borwick, Ontario Federation of Anglers and Hunters, Dave Pridham, Victoria County Stewardship Council
Streams — “To the Brink and Back”
Silvia Pedrazzi and Fred Dobbs
Nottawasaga Valley Conservation Authority
John Osmok Dufferin/Simcoe Stewardship Council
The Wilton Creek Partnership
Steve Pitt, Lennox and Addington Stewardship Council
Holly Evans, Cataraqui Region Conservation Authority

T3C

Natural Heritage
Hayley Berlin
Room 16

Natural Heritage Planning — Lessons Learned

Learn what to do and what not to do with respect to natural heritage planning! Guidance is provided through a review of four ground-breaking natural heritage planning initiatives.

Carolinian Canada 20 Years Later Michelle Kanter, Carolinian Canada Halton’s Significant Woodlands Mapping Project

Ho Wong, Region of Halton and Dale Leadbeater, Gartner Lee Ltd.
The Niagara Natural Heritage Ecological Framework
Mike Rose, Ministry of Natural Resources
York Region — Greening Strategy
Sandra Malcic, Regional Municipality of York

Break
3:30 p.m. – 4:00 p.m.
(see floor plan for break area stations)

INTERACTIVE WORKSHOPS

4:00 p.m. – 5:00 p.m.

T4A

Bill DeYoung
Room 15

Building the Science for Effective Watershed Stewardship

A Live Demonstration of the Canadian Arcview Nutrient and Water Evaluation Tool (CANWET) Model.

Conservation Ontario has partnered with the Ministry of the Environment and the Ministry of Natural Resources on a pilot project to develop and test a surface water quality computer model to enable accurate prediction of nutrient loads in watersheds throughout Ontario.

The presentation explores the need for such a model, the evaluation process, model capabilities and a case study of the application of the CANWET modeling tool in the development of the Black River subwatershed plan.

Mike Walters, Lake Simcoe Region Conservation Authority
Trevor Boston, Greenland International Consulting
Bill Coffey, Greenland International Consulting

T4B

Paul Richardson
Room 21

See and Be Seen on the Canada Stewardship Portal

Learn about the internet services available to you as an individual and to your organization — know what you can see and know how to be seen at the Ontario Stewardship Centre.

Owen Williams, Ministry of Natural Resources

T4C

Cecelia Ferreyra
Room 22

Young Conservation Professionals (YCP) — Networking 101

This is an opportunity for Young Conservation Professionals to learn and practice their networking skills that can be put to use during the Latornell Symposium. The workshop will include a lesson in networking and small group role plays.

Clare Mitchell, Ducks Unlimited Canada

T4D

Suzanne Young
Room: Front lobby

Waste Water Treatment Plant Tour at the Nottawasaga Inn

Tour this unique, environmentally innovative private Wastewater Treatment Plant equivalent to that found in a small town.

The tour will be led by Peter Biffis, Nottawasaga Inn & Conference Centre

5:00 p.m. – 7:00 p.m.

Conservation Dome - Opening of Dream Auction • Honorary Patrons • Opening Remarks
• Student Posters *Science and Stewardship*

T3D

Source Water Protection
Cherie Mongeon
Room 15

Roles, Responsibilities and Challenges

First Nations People have an important role to play in source protection planning. They face challenges and barriers in efforts to ensure safe and healthy drinking water for many communities in Ontario. The proposed process for drinking water protection also anticipates an active role for Non-Government Organizations and stakeholders both in the development of source protection plans and in their implementation.

First Nations and Source Protection

Derrick Kamanga, First Nations

The Role of Non-Government Organizations

Jim Anderson, Ducks Unlimited Canada

The Agricultural Community

John Fitzgibbon, University of Guelph

T3E

Rural Stewardship
Andy Graham
Room 19

Environmental Farm Planning: A Panel Discussion

The next generation of the Environmental Farm Plan (EFP) will be showcased. Farmers will present their practical, on-the-ground experiences with this proven approach to environmental risk management.

Steven Eastep, Wellington County Broiler and Hog Producer

Jim Couch, Grey County Beef Producer

John Hill, Wentworth County Perennial Flower Grower

Frank Kains, EFP Workshop Leader/

Program Representative for Waterloo

T3F

Resource Management: Fisheries
Shannon Tomlinson
Room 6

Changing Fisheries: A Management Challenge

Today's fisheries resource managers are faced with significant challenges stemming from fundamental ecological changes that have taken place in recent history. Using the Great Lakes as an example, this session will identify some of the major changes that have taken place in the Great Lakes environment and the management challenges created by these changes.

Changing Lake Erie Fisheries

Tim Johnson, Ministry of Natural Resources

Effects of Climate Change and Invasive Species on Great Lakes Fisheries

John Casselman, Ministry of

Natural Resources

Provincial Approach to the Invading Species Challenge

Christine Ali, Ministry of Natural Resources

T3G

Communications
Bill DeYoung
Room 18

Influencing Change Through Community-Based Social Marketing

Moving from traditional community awareness to the theory of community-based social marketing; where barriers are overcome and proven tools are used to influence change.

Lake Simcoe Region Conservation Authority Case Study: A Community-Based Social Marketing Pilot Project

Brian Kemp, Lake Simcoe Region Conservation Authority

Jay Kassirer, Cullbridge Marketing and Communications

Annabel Slight, Alliance for a Better Georgina and the Rescue Lake Simcoe Coalition

T4E

Andrew Olinski
Room 18

Engaging Individuals in Urban and Rural Stewardship Programs

This will be an interactive session where participants can discuss problems and opportunities that they come across in their urban and rural landowner contact and community engagement activities.

Patricia Lowe and

Joanne Jeffery, Toronto and Region Conservation

T4F

Shannon Tomlinson
Room 19

Interactive Workshop on the Environmental Farm Plan

Find out what's new in the Next Generation of the Environmental Farm Plan.

Andy Graham, Ontario Soil &

Crop Improvement Association

John Smith, Ontario Ministry of Agriculture and Food

T4G

Bryan Poirier
Room 11

Building Effective Websites

A young, "up & coming" company, Essence Communications, hosts this workshop on approaches that can be taken to build multifaceted websites that effectively meet the needs for environmental organizations to engage all their target audiences.

Kelly Martin, Essence Communications

T4H

Jay Kassirer
Room 6

Tools of Change

Proven Methods for Promoting Environmental Citizenship

Social marketing is recognized as one of the most effective voluntary methods for achieving a wide range of desired program results. Participants will be guided in applying community-based social marketing to their own work, while viewing best practice proven examples and sharing lessons learned. All participants will receive a copy of the "Tools for Change" workbook.

Jay Kassirer, Cullbridge Marketing and Communications

T4I

Mary Stack
Room 4

Twenty Valley/Jordan Harbour Tourism Development Project

The Twenty Valley Creek system is host to significant but as yet untapped natural and economic resources within the Niagara Region. As part of this system, local merchants and the agricultural community have joined forces to promote the area as a tourism destination.

The Agro-Tourism feature of the project will be highlighted by the Harbour Estate Winery located on the shores of Jordan Harbor, an area of natural scientific interest.

Mary Stack, Niagara Peninsula Conservation Authority

Pam Mason, Twenty Valley Tourism Association

Fraser Mowat, Harbour Estate Winery



Todd Butler

7:00 p.m. – 10:00 p.m. Gala Banquet and Dream Auction • Entertainment: Todd Butler, Guest Host of CBC's *Madly Off In All Directions* • Hospitality Suite to follow

Day 3

Times

Conservation Dome
Breakfast 7:00 a.m.

7:45 am Keynote address,
Ontario Minister of Natural
Resources, the Honorable
David Ramsay



David Ramsay

Concurrent Sessions
8:30 a.m. – 10:30 a.m.

Break
10:00 a.m. – 10:30 p.m.
(see floor plan for break area stations)

Concurrent Sessions
10:30 a.m. – 12:00 p.m.

12:00 p.m.

Friday, November 19 Program Details

F1A

Watershed Stewardship
Connor Houston
Room 10

Building the Science for Effective Watershed Stewardship

Conservation Ontario, the Ministry of the Environment and Fisheries and Oceans Canada have partnered to conduct a pilot project to characterize instream flow requirements within different watersheds so that adverse ecological impacts can be avoided when trying to accommodate water users. This session will explore the key findings from this project and highlight the results from each of the different watersheds.

Instream Flow Requirements and the Permit To Take Water Program Overview of Key Findings

Dave Maunder, Aquafor Beech Limited
Results from the Pilot Project Watersheds
Bill Baskerville, Long Point Region Conservation Authority
Sean Watt, Cataraqui Region Conservation Authority
Dwight Boyd, Grand River Conservation Authority

F1B

Community Stewardship
Daniella Molnar
Room 11

Creative Connections Supporting Stewardship Actions

This session will highlight three major province-wide initiatives and the ingredients critical to successful Community Stewardship Programs.

The "Volunteers for Nature" Program — A Province-Wide Partnership Success Story

Lisa McLaughlin, Nature Conservancy,
Andrea Kettle, Ontario Nature

Keeping Common Birds Common — Wetland Habitat Fund Stewardship Efforts in Southern Ontario

Mark Stabb, Wetland Habitat Fund
A Fish Story — Trout Unlimited Stewardship Strategies — and Local Barbless Tales

Jack Imhoff, Trout Unlimited Canada

F1C

Natural Heritage
Hayley Berlin
Room 16

Habitat Protection for Species at Risk

Southwestern Ontario is home to more than 750 species at risk. The settled landscapes of Southwestern Ontario contain the highest percentage of species at risk in all of Canada! Leading initiatives directed at the protection of some of our most vulnerable species are presented.

Species At Risk Conservation Initiatives Within the Upper Thames Watershed

Scott Gillingwater, Upper Thames River Conservation Authority

Survival of the Eastern Massasauga Rattlesnake and the Eastern Hog-nosed Snake in a Recently Fragmented Landscape: Highway 69 Extension Case Study

Jeremy Rouse, Ministry of Natural Resources

The Importance of Vernal Pools and Their Relationship to Jefferson Salamander

Heather Lynn and Scott Sampson, Credit Valley Conservation and John Pisapio, Ministry of Natural Resources

F2A

Watershed Stewardship
Cherie Mongeon
Room 10

Building the Science for Effective Watershed Stewardship

There has been considerable development pressure in the Greater Toronto Area on true headwater areas. These areas are dominated by numerous swales and small first order channels. Individually, these drainage features are not remarkable and their functions could be replicated. The challenge lies in replicating the function of the cumulative effect of the drainage system with respect to storage and conveyance of water and sediment. Watershed managers have faced this issue for several years. Recent scientific advances have provided some alternatives for managers.

Management of Headwater Channels Markham Small Stream Study

Mark Schollen, Schollen & Company
The Use of Drainage Density as a Management Tool

Ron Scheckenberger, Philips Engineering
Practical Issues on Incorporating Swales into Development Plans

Ray Guthrie, Conservation Halton

F2B

Community Stewardship
Andrea Dube
Room 11

Community-based Monitoring of Ecosystem Change: Providing Information for Informed Decision Making, Adaptive Management and Stewardship

This session will look at indicators for the early detection of ecological change and examples of ecosystem monitoring programs that are consistent with EMAN's community-based approach. Provincial and national standardized methods for the Ontario Benthos Biomonitoring Network and Credit Valley Conservation's Terrestrial Monitoring Program will be examined.

Environment Canada's Ecological Monitoring and Assessment Network (EMAN)

Brian Craig, Environment Canada

Credit Valley Conservation's Terrestrial Monitoring Program

Bob Morris, Credit Valley Conservation

The Ontario Benthos Monitoring Network

Chris Jones, Ministry of the Environment

F2C

Natural Heritage
Bill DeYoung
Room 16

Monitoring Natural Heritage Planning and Systems

Learn how natural heritage decisions are made at the Ontario Municipal Board. Get up-to-date on the latest thinking on monitoring natural heritage systems at various scales.

Adjudicating Natural Heritage Issues at the Provincial Level — Ontario Municipal Board

Bruce Krushelnicki, City of Burlington
Monitoring the Effectiveness of Planning at Landscape Scale

Bruce Pond, Ministry of Natural Resources
Natural Heritage Monitoring at the Region of Peel — Operational Planning, Monitoring and Evaluation & "State of the Environment" Reporting

Grant Moore and Leilani Lee-Yates, Regional Municipality of Peel

Conservation Dome — Luncheon • Canadian Water Resources Association Distinguished Service Award presentation to Justice Dennis O'Connor • Acknowledgements and Wrap-up Remarks

F1D

Source Water Protection
Suzanne Young
Room 15

Municipal Planning and Source Protection Planning — It Can Be Done

Municipal land use planning will be one of the key mechanisms for implementing source protection. This session explores this issue from several perspectives.

Smart Growth for Clean Water: Helping Communities Address the Water Impacts of Sprawl

Mark Winfield, Pembina Institute
Niagara Water Strategy: An Innovative Collaboration between a Municipality and a Conservation Authority

Andy Burt, Niagara Peninsula Conservation Authority
Ron Scheckenberger, Philips Engineering
Watershed Planning on the Oak Ridges Moraine

Barbara Jeffrey, Regional Municipality of York

F1E

Rural Stewardship
Cherie Mongeon
Room 19

Rural Initiatives — Stewardship in Action

What is the future of agricultural and rural stewardship? Four perspectives on future trends and possibilities are presented.

The Ontario Farmland Trust — Evolving Perspectives on Farmland Preservation

Stewart Hilts, University of Guelph

Alternate Land Use System (ALUS): The Farmer's Conservation Plan

Robert Bailey/David Reid, Ministry of Agriculture and Food

The Resource Jump Team Study and the Upper Canada Woods Cooperative

Steve Pitt, Ministry of Natural Resources

F1F

Resource Management: Parks
Lee-Anne Millburn
Room 6

Comparing the Challenges

What is the cost of managing important public lands? Do protected parks and passive use parks rely on passive budgets?

Issues Facing Small, Medium and Large Park Management Areas — Discussion Panel

Ken Phillips, Crowe Valley Conservation Authority
John Williams, Otonabee Conservation
Shane Ormerod, Hamilton Conservation Authority

F1G

Information Technology
Karen Gallant
Room 18

IT Collaboration: Sharing Problems and Ideas

This presentation will introduce a unique environmental monitoring and reporting service for the Toronto and Region Conservation Authority's Regional Watershed Monitoring Program. "Juturna" employs an internet-based Geographic Information System and SQL geodata server to better facilitate data (and information) sharing and integration between civic, scientific and political stakeholders.

Environmental Monitoring

Jeff Borisko/Scott Jarvie, Toronto and Region Conservation

Geosmart and Web applications

Terry Chapman, Upper Thames River Conservation Authority

Generic Regulations

Jarold W. Holland-Hibbert, Halton Conservation

F2D

Source Water Protection
Karen Gallant
Room 15

Permit To Take Water — Understanding the New Direction

The Ministry of the Environment has been working on improvements to the Permit To Take Water program. This session will explore some of the key changes at both the policy and technical levels.

Broad Policy Changes

Steve Maude, Ministry of the Environment

Changes in Technical Guidance

Dan Dobrin, Ministry of the Environment
Implications and Considerations
Hazel Breton, Credit Valley Conservation

F2E

Rural Stewardship
Andrew Olinski
Room 19

Managing Headwater Drainage Systems

This session provides practical experience and insight into the decision-making process of Municipal Drain implementation and on-going technical advancements of the integration of agricultural and environmental needs of various approval agencies responsible for headwater drainage.

The Environmental Impacts of Agricultural Drains

Harold Rudy, Ontario Soil and Crop Improvement Association

Nairn Drain — Case Study

Mari Veliz, Ausable Bayfield Conservation Authority

Stephen McNamee, Ministry of Transportation

F2F

Resource Management: Parks
Lee-Anne Millburn
Room 6

All-Terrain Vehicles and Protected Areas — Chasing Problems, Looking for Solutions

The illegal use of All-Terrain Vehicles in parks and protected areas is a growing concern. How can we work together to improve this issue?

Byron Wesson, Nottawasaga Valley Conservation Authority

Steve McMullen, Ganaraska Region Conservation Authority

John Broderick, Ontario Federation of All Terrain Vehicles

Dave Fletcher, Provincial Coordinator, Off Road Safety, Ontario Provincial Police

Ron Purchase, Ontario Federation of Snowmobile Clubs

F2G

Information Technology
Connor Houston
Room 18

IT Collaboration: Multi-Agency Collaboration

This session investigates the challenges faced by Conservation Authorities when collaborating with other agencies.

CA Collaboration Introduction

Zoë Green, Grand River Conservation Authority

Interoperability Technologies

Graham Smith and Phil Lenoir, Grand River Conservation Authority

Multi-tier Tears

George Sousa, Grand River Conservation Authority



Justice Dennis O'Connor



Student Poster Session

Part of the philosophy of the A.D. Latornell Conservation Symposium is the support and mentoring of future conservationists. Each year, students from Ontario Universities are invited to highlight their innovative research through display in the Conservation Dome. This is a great opportunity for them to share their work with professionals as well as for Symposium participants to learn about current academic research in the field of environmental science, technology and conservation. This year, a special judging of the student posters by Symposium delegates will take place on **Thursday, November 18th in the Conservation Dome starting at 5 p.m.** All delegates are invited to attend and support the students.

Chelsea Stewart: *A Campus Sustainability Assessment* • Department of Geography, University of Toronto at Mississauga

Gregory Bunker: *Ecological Footprint Analysis of a University Campus* • Department of Geography, University of Toronto at Mississauga

Meghan McCauley-Brown: *Testing Environmental Monitoring Protocols that Can be Implemented at Cruickston Charitable Reserve and Other Urban Areas Across North America* • Environment and Resource Studies, University of Waterloo

Shannon Tomlinson: *A Comparative Analysis Between the Vegetation, Seed Bank and Environmental Conditions of Abandoned Limestone Quarry Floors of Southern Ontario, Canada and Alvars on the Bruce Peninsula, Canada* • Botany Department, University of Guelph

Sami Rehman: *A Comparison of Conservation Strategies to Preserve Biodiversity* • Environment and Resource Studies Department, University of Waterloo

Andrea Dubé: *Woodland Owner Perspectives on Restoration of Acadian Old Growth Forest on Private Woodlands* • School for Resource and Environmental Studies, Dalhousie University

Dan McCarthy: *Water Resource Knowledge Systems: A Systems Approach to Knowledge Management in Conservation Authorities* • School of Planning, University of Waterloo

Cecilia Ferreyra: *Developing Collaborative Advantage for Water Quality Protection in the Maitland River Watershed* • Department of Geography, University of Guelph

Paul Richardson: *Investigating Constraints on the Colonization of Abandoned Limestone Quarry Floors by an Alvar Plant Community* • Botany, University of Guelph

Lee-Anne Milburn: *Communicating Stewardship to Landowners: Developing Conservation Material for Non-farm Landowners on the Oak Ridges Moraine* • Rural Studies, University of Guelph

Nikki May: *Volunteer Monitoring of Forest Restoration* • Land Resource Science, University of Guelph

Andrew Olinski: *Verification of Drainmod-M for Prediction of Nitrogen Transport Through Agricultural Soils in Southern Ontario* • Land Resource Science • University of Guelph

Paige Agnew: *A Comparison of Landowner Motivation for the Adoption/Non-adoption of Environmental Best Management Practices in Rural Ontario* • School of Environmental Design and Rural Development, University of Guelph

Hida Manns: *Fungi and Soil Moisture Relate to Carbon Increase with Surface Covers in Oat (*Avena sativa*) Plots* • Watershed Ecosystems Graduate Program, Trent University

Amanda Wong: *Spatial Allocation of Irrigation Water in an Agricultural Watershed Using GIS* • Geography, University of Guelph

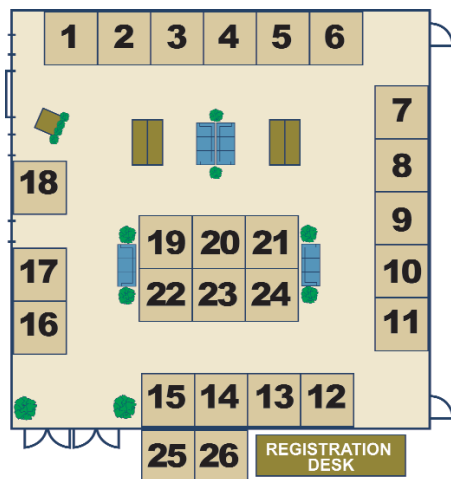
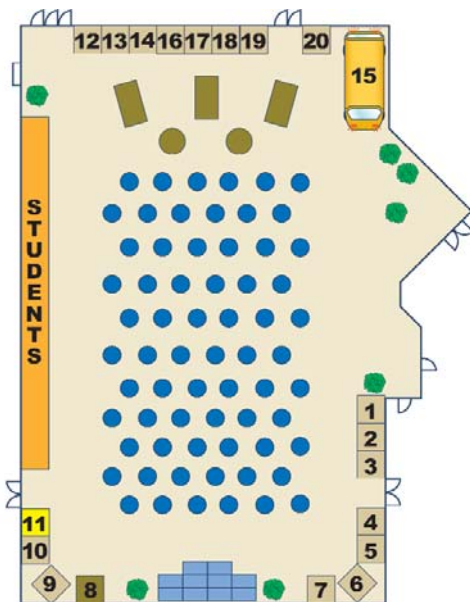
Bill DeYoung: *Comparative Evaluation of Ecological Significance of Vegetation Patches by Three Methodologies: Life Science Inventories, GIS, and Remote Sensing* • Department of Geography, University of Western Ontario

Karen Gallant: *Leveraging Leadership: Increasing Effectiveness of Land Trusts Through Capacity Building Within Boards of Directors* • Rural Planning and Development, University of Guelph

Claire A. Milloy: *Recharge to Fractured Bedrock in the Tay Valley: Site Characterization and Initial Findings* • Civil Engineering, Queens University

Cherie Mongeon: *Contemporary and Historical Variations in Hydrology, Slave River Delta, NWT, Canada, Using Stable Isotope Methods* • Geography and Environmental Studies, Wilfrid Laurier University

Conference Exhibitors



CONSERVATION DOME

1. Water's Edge
2. Pollution Probe
3. Ontario Forestry Association/Trees Ontario Foundation
4. Project Management Productivity Solutions
5. Wetland Habitat Fund
- 6.
7. University of Guelph/Conservation Ontario
8. Fisheries and Oceans Canada (DFO)
9. Ontario Ministry of Natural Resources (MNR)
10. MNR Species at Risk
11. DFO Species at Risk
12. Essence Communications
13. Ontario Federation of Anglers and Hunters - Community Stream Steward Program
14. Ontario Federation of Anglers and Hunters - Invading Species
15. Children's Water Education Council
16. Ducks Unlimited Canada
17. Environmental Commissioner's Office of Ontario
18. Regional Municipality of Niagara
19. Watershed Science Centre
20. Ontario Weather Network

EXHIBITOR GALLERY

1. Municipal Health & Safety Association
2. Campbell Scientific
3. Ontario Ministry of Agriculture and Food
4. Lotowater Geoscience Consultants Ltd.
5. Ontario Ministry of Natural Resources - SOLRIS
6. Ontario Ministry of Natural Resources - WRIP
7. Ontario Ministry of Natural Resources - PARKS
8. Ontario Ministry of Natural Resources - STEWARDSHIP
9. Ontario Ministry of the Environment
10. Mirak Communications Inc.
11. Ontario Ministry of Northern Development and Mines
12. OE Technologies
13. OE Technologies
14. Golder Associates Ltd.
15. Totten Sims Hubicki Associates
16. Waterloo Hydrogeologic
17. First Base Solutions
18. Hanson Pipe & Products
19. Hoskin Scientific
20. Cuesta Systems Inc.
21. Phillips Engineering
22. Gartner Lee
23. Aquatic Life
24. Environment Canada - Great Lakes Sustainability Program
25. Telus
26. Essence Communications



Conservation Pioneer Award



This award is designed to recognize individuals that have demonstrated life-long, outstanding contributions to the field of conservation. They are recognized for their innovation, leadership and dedication to the conservation field. Either through their personal activities and/or leadership, they have gone beyond the call of duty or responsibility to an employer, client or their community. These individuals have helped to celebrate and inspire innovation in the conservation field and have made a difference in their area of expertise. Nominees have encouraged and motivated others to take similar leadership roles towards conservation work.

This year, recipients are also being recognized in a special issue marking the 75th anniversary Canadian Geographic magazine. This opportunity was made possible through a generous contribution and partnership with the Nottawasaga Foundation.

Nominations are reviewed and evaluated by a special sub-committee of the Latornell Steering Committee. The Pioneer Awards will be presented to the recipients at a special luncheon scheduled for Thursday, November 18th in the Conservation Dome.



2004 CONSERVATION PIONEER AWARDS

The Conservation Pioneer Award honours individuals who have contributed significantly to the conservation movement in Ontario. These prestigious awards are presented annually to five deserving individuals at the A.D. Latornell Conservation Symposium, Ontario's largest environmental Symposium.



MALCOLM KIRK, Thornbury, Ontario,
Name of Nominating Group: Grey Sauble Conservation Authority/Ministry of the Environment and Niagara Escarpment Commission

Through the efforts of Malcolm (Mac) Kirk, people living in Grey and Bruce Counties now enjoy healthier woodlands, swamps, and headwater regions for major rivers, gorges, fens, lakes, islands, waterfalls, bluffs, and caves. Mac is a driving force for important conservation issues such as land acquisition, tighter escarpment control lobbying, woodlot protection, wetland preservation, better land planning and most recently, water extraction.



PATRICK J. MCMANUS, Westport, Ontario
Name of Nominating Group: Rideau Valley Conservation Authority

Over his long career as a conservationist, Patrick J. McManus played a central role in the early growth and development of the Rideau Valley Conservation Authority as well as others in Eastern Ontario. Pat has always been a strong advocate for "conservation by the people". He was always in the thick of things, championing the need for a provincial organization for the Conservation Authorities, seeing it as the only way to gain the critical mass and lobbying strength necessary to counter non-conservation interests. The education building at the Baxter Conservation Area was named the P.J. McManus Interpretive Centre in 1990 because of Pat's life-long passion for teaching young people about the environment.



DR. DUNCAN SINCLAIR, Aylmer, Ontario
Name of Nominating Group: Catfish Creek Conservation Authority

Dr. Duncan Sinclair has been very active for many years in the areas of forestry, fisheries and wildlife conservation at many different levels. His greatest strength has always been advocacy. He has the ability to make things happen and he sets a positive example through both action and commitment. Dr. Sinclair has ensured new sources of private sector funding to protect and rehabilitate sensitive ecosystems, particularly in Canada's most endangered region of biodiversity, the Carolinian Life Zone.



MARIA AND THE LATE PAUL HEISSLER, Frankford, Ontario
Name of Nominating Group: Lower Trent Conservation

Maria Heissler and her husband, the late Paul Heissler, have been active environmental stewards since moving to the Quinte area in 1953. Over the years, their farm along Cold Creek has become a model of wise land management and a testimony to their strong belief in conservation. In addition to planting thousands of trees, Paul and Maria spearheaded the formation of the Cold Creek Improvement Association in 1989 with the intent of influencing their neighbours to follow their philosophy of land use.



DAVID CRESSMAN, Waterloo, Ontario
Name of Nominating Group: Soil and Water Conservation Society - Ontario Chapter

Dave Cressman has been an important figure in the advancement of conservation principles and practice in the Province of Ontario. He has devoted his professional life and much of his volunteer time to promoting conservation ethics and the interdisciplinary approaches to understanding environmental issues. Dave has been a mentor to many young professionals including several agricultural and environmental specialists employed in a variety of positions across Canada.

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