10th Anniversary

A.D. LATORNELL
CONServation Symposium

FINAL PROGRAM

November 12, 13, 14, 2003
Nottawasaga Inn ~ Alliston, ON

Hosted by
Conservation Ontario & the Centre for Land and Water Stewardship, University of Guelph

Protecting the Source...
from Upstream to Downstream
November 12, 2003

Dear Participant:

Welcome to the A.D. Latornell Conservation Symposium! The Symposium was started in 1993 to provide a forum for practitioners, students, academics, politicians and non-government organizations to discuss salient challenges and opportunities in the conservation movement in Ontario and to learn about new tools, techniques and strategies for natural resources management. Over the past ten years, the Symposium has grown to be Ontario’s most prestigious and well-attended annual conservation conference. It continues to grow, attracting about 190 speakers and over 700 delegates from diverse backgrounds.

This year marks a special milestone – the 10th anniversary of the Symposium. The main sponsors for the event, Conservation Ontario and the Centre for Land and Water Stewardship, University of Guelph, have partnered with a number of other Ontario groups and agencies to provide you with a very relevant program. The theme for this year’s Symposium is Protecting the Source…from Upstream to Downstream, reminding us that one of the leading priorities for Ontarians today should be the safeguarding of our precious drinking water sources. Plenary and concurrent sessions at the Symposium will explore emerging issues, innovative approaches and new partnerships in this regard.

As well as offering professional development and networking opportunities, this year’s Symposium is also a celebration of the many successes achieved by the conservation community over the past ten years. To put you in the festive mood, we have added some special touches to our Wine and Cheese Reception, Conservation Pioneer Luncheon, Gala and Dream Auction that you won’t want to miss!

On behalf of the Steering Committee, I’d like to thank you – the participant – for making this Symposium an event “not to be missed”. I hope you find this year’s event a very memorable and enjoyable one.

Yours truly,

Barbara J. Veale, Chair
10th Annual A. D. Latornell Conservation Symposium Steering Committee
November 12, 2003

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PROGRAM AT A GLANCE

**Wednesday, November 12**

**8:30 am - 1:00 pm REGISTRATION**

**10:00 am - 10:30 am WELCOMING REMARKS**

Barbara Veale, Chair, A.D. Latsonnell Symposium
Peter Krause, Chair, Conservation Ontario
Stewart Hills, University of Guelph Provincial Representative
Richard D. Hunter, Conservation Ontario (Master of Ceremonies)

**10:30 am - 12:00 pm PLENARY SESSION**

**Keynote Speakers:**

**12:00 pm - 1:45 pm LUNCHEON**

### Thursday, November 13

**3:30 pm - 5:00 pm CONCURRENT SESSIONS**

**T1A** Development of a Water Quality Model for Nutrient Management
**T1B** Natural Heritage Planning – Applications
**T1C** Groundwater Studies Program I (Overview)
**T1D** Integrating the Integral – The Case for Reconnecting with Our Environment
**T1E** Reconnecting Fragmented Watercourses
**T1F** Finally – A Marketing Plan that Works
**T1G** Resource & Scientific Information for Farmers

**10:00 am - 10:30 am REFRESHMENT BREAK**

**10:30 am - 12:00 pm CONCURRENT SESSIONS**

**T2A** Assessing Source Protection Planning Information Availability
**T2B** Natural Heritage Planning at the Watershed Scale
**T2C** Future directions in Groundwater Management
**T2D** The Urban Forest: Not Just Another Pretty Pretty
**T2E** Intermittent Watercourses and Fish Habitat
**T2F** Just Add Water: Building a Water Festival to Support Source Protection
**T2G** Agricultural Water Use: Irrigation

**5:30 pm - 7:00 pm EXHIBIT GALLERY WINE & CHEESE RECEPTION – PASSPORT EVENING**

**Featuring:** “The Donegal Fiddlers” Scottish, Irish and Pop Music played with precision

**7:00 pm - 9:00 pm HARVEST BANQUET**

A.D. Latsonnell Awards of Merit – Presented by the Ontario Chapter of the Soil and Water Conservation Society

**Keynote Speaker:**
- Gord Miller, Environmental Commissioner of Ontario – “Thinking Beyond the Near and Now”

**9:00 pm - 11:00 pm HOSPITALITY SUITE**

**hosts:** Conservation Ontario & University of Guelph

**8:00 am - 1:00 pm CONCURRENT SESSIONS**

**W1A** Risk Based Source Water Protection I
**W1B** The Science of Natural Heritage Planning
**W1C** The Balancing Act: Water Budgeting
**W1D** Clearing the Air
**W1E** Bringing Watersheds to Life
**W1F** Conservation Authorities and IT Collaboration: Who needs it? Part 2
**W1G** Young Professionals Forum: “The Leading Edge”

**3:00 pm - 3:30 pm REFRESHMENT BREAK**

**T3A** Source Protection and Municipal Water Works
**T3B** Oak Ridges Moraine: A Year Later
**T3C** Wells
**T3D** Surface Water Quality
**T3E** First Nations Natural Resources Forum
**T3F** Meaningful Consultation: The Search for the Holy Grail
**T3G** New Directions in Agri-Environmental Policy

**3:30 pm - 4:00 pm REFRESHMENT BREAK**

**4:00 pm - 5:30 pm CONCURRENT SESSIONS AND WORKSHOPS**

**T4A** Meaningful Multi-stakeholder Consultation
**T4B** Expert Panel on Sustainable Water Well Infrastructure
**T4C** West Nile Virus: What’s the Buzz?
**T4D** Determining Natural Hazards and Appropriate Management
**T4E** Creating Organizational Knowledge on a Watershed Basis
**T4F** Natural Channel Design and Stream Corridor Management
**T4G** Refining Ontario’s Watershed Boundaries
**T4H** Great Lakes Shoreline Management Program
**T4I** Putting Wetlands on the Map
**T4J** Ontario’s NHIC Discovery Tour
**T4K** Natural Heritage Conservation Open Forum
**T4L** Farmland Preservation
**T4M** Hike Along the Nottawasaga River

**5:30 pm - 6:30 pm OPENING OF DREAM AUCTION**

**6:30 pm - 10:00 pm ANNIVERSARY GALA BANQUET (Semi-formal) & DREAM AUCTION Entertainment: Lorne Elliott, Host of the popular CBC Radio program “Madly Off In All Directions”**

**Friday, November 14**

**7:00 am Breakfast with the Minister of the Environment LEONA DOMBROWSKY in the Conservation Dome**

**8:30 am - 10:00 am CONCURRENT SESSIONS**

**F1A** Planning Together for Source Protection
**F1B** Natural Heritage Inventories: From Pioneers to Practitioners
**F1C** Surface Water and Groundwater Interaction
**F1D** Water: Public or Private?
**F1E** Climate Change and Its Implications on Conservation
**F1F** Visitor Statistics for Conservation Authorities
**F1G** Landowner Attitudes Toward Conservation I

**10:00 am - 10:30 am REFRESHMENT BREAK**

**10:30 am - 12:00 pm CONCURRENT SESSIONS**

**F2A** Source Water Protection in a Watershed Context
**F2B** Monitoring Natural Heritage Systems
**F2C** Permit to Take Water Pilot Project
**F2D** Sustainable Transportation
**F2E** Climate Change: Risk Management
**F2F** Protecting Natural Areas – Balancing Visitors and Nature
**F2G** Rural Landowner Attitudes Toward Conservation II

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**6:30 pm - 10:00 pm ANNIVERSARY GALA BANQUET (Semi-formal) & DREAM AUCTION Entertainment: Lorne Elliott, Host of the popular CBC Radio program “Madly Off In All Directions”**
A tribute to Art Latornell

As a child of the Depression and World War II, Arthur D. Latornell remained on his family farm near Meaford, Ontario until he was able to enter the Ontario Agriculture College in 1946, at the age of 23. He graduated from the OAC in 1950 and for two years was employed by the Department of Agriculture as a fruit and vegetable inspector. Art was always a keen student, so he made a decision to enroll at Michigan State University for a Master’s degree in agricultural extension. In 1953, Art returned to Ontario and was hired as a Field Officer with the Conservation Branch of the Department of Planning and Development. Thus began Art’s storied and influential career with Ontario’s conservation authorities program, which spanned 24 years. Art was known and respected throughout the Province and indeed internationally, as a forward thinker and respected conservationist. In 1977, Art became Deputy Regional Director with the Ministry of Natural Resources, a position he held until 1988, when he retired, culminating a career in public service in excess of 35 years.

Despite Art’s numerous professional achievements, many would argue that Art had his greatest impact through his influence and teaching of students and colleagues. At the time of his death in 1991, Art had acquired an estate of greater than two million dollars, primarily through a partnership in a major Ontario oil company. Art made a bequest of the majority of that estate to the University of Guelph, where it generates up to $125,000 annually.

Arthur D. Latornell stated:

“It is my wish that the fund to be used to assist young people in their learning endeavors related to natural resource activities. In particular, I would wish that this fund would be used to assist young people in obtaining University education, whether or not such education leads to a University degree, to enable students to attend conferences or courses offered by educational institutions or groups associated with the University of Guelph and to enable the student exchanges and similar educational programs related to natural resources.”

The Arthur Douglas Latornell Endowment Fund currently supports the Annual Latornell Symposium; Latornell Field College; Latornell Scholarships; Latornell Travel Awards; Latornell Continuing Education Grants; Latornell Visiting Lectures. Thousands of students continue to benefit from Art Latornell’s generous gift!

More information on Art Latornell’s career and life refer to ARTHUR DOUGLAS LATORNELL – A Biography, by Andrea Booth, 1998.

The A.D. Latornell logo is composed of images which are intended to represent significant aspects of Arthur Latornell’s life. The tree symbol represents the conservation of natural resources. The trunk contains the profiles of two people. Both have their heads lowered as if exploring something on the ground. This represents the concept of mentoring – passing on knowledge to others – a key strength of Arthur Latornell’s, and one of his fundamental goals.

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 10th Anniversary, we are pleased to provide a $3,000 donation to Saugeen Conservation to assist them in purchasing sensitive lands in the headwaters of the Saugeen River watershed system. These source waters flow through numerous communities including the Town of Walkerton, before reaching the shores of Lake Huron.

Gildale Wetlands:

The Gildale Wetland is located in the headwaters of the South Saugeen River, a major tributary of the Saugeen River. It is a total of 141 hectares (352 acres) in size. Designated as a Class I wetland, this area is home to both regionally and provincially significant species.
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Gildale Wetlands:
The Gildale Wetland is located in the headwaters of the South Saugeen River, a major tributary of the Saugeen River. It is a total of 104 hectares (2,573 acres) in size. Designated as a Class I wetland, this area is home to both regionally and provincially significant species.

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PROGRAM DETAILS

WATERSHED MANAGEMENT  
* Hugh Simpson  
Room 15

Risk Based Source Water Protection II  
The Waterloo Injurty identified the importance of risk based source protection for groundwater and surface water. This session provides an overview of potential threats to surface water, some examples of how surface water threats are currently being addressed in Ontario, and how groundwater and surface water protection can be brought into a risk-based approach.  

Overview of Threats to Surface Water Sources  
*Sandra Cruse, Grand River Conservation Authority

Creating the Watershed - Developing a Watershed Report Cape  
*Ted Briggs, Upper Thames River Conservation Authority

Towards Risk based Approach  
*Richard Nyberg, Ryerson University

Wednesday, November 12

1:30 pm - 3:00 pm  
* Session Moderator

WATERSHED MANAGEMENT  
* Hugh Simpson  
Room 15

Natural Heritage  
* Rob Dykstra  
Room 16

New Research and Water Use Practices  
The water use work group is gathering the least common denominator of where we use water in the watershed.  

The Science of Natural Heritage Planning - Concepts/Principles & Theory  
Canada and Ontario have been pioneers in the development of landscape and development of the science of landscape ecology and conservation biology. Through a series of presentations from well respected researchers and practitioners this session will highlight our leading role, the development of key concepts and principles and how they can assist us in our planning for natural heritage.  

The Practice of Landscape Classification in Canada & Ontario  
*Mike Moore, University of Guelph

The Ecological Landscape Classification in Ontario - An Application in Various Scales  
*Bill Cline, Ministry of Natural Resources

Principle Concepts and Applications in Landscape Ecology for Natural Heritage Planning  
*Keith Lindsley, Canadian Wildlife Service

2:30 pm - 3:00 pm  
* Session Moderator

Water  
* Leith Deacon  
Room 10

Sustainability in Action  
* Hayley Berlin  
Room 11

Clearing the Air  
This session will provide an understanding of the present state of air regionally, provincially and globally, and explore initiatives which help us usher in the benefits of cleaner air.  

The Science of Air Quality Monitoring in Ontario  
* David Meyers, Environment Canada

Local Air Quality Initiative  
*Brenda Sakalyo, City of Mississauga

A Global Perspective  
* Rob Kerr, International Council for Local Environmental Initiatives

3:30 pm - 4:00 pm  
* Session Moderator

Effective Methods for Outdoor Education  
*Katie Nassweter  
Room 4

Fostering an Early Environmental Ethic  
*Green Corps - Karen Montmerle, Upper Thames River Conservation Authority

Unlocking Potential  
*Theresa Youn, Ministry of Municipal Affairs and Housing

Whole and Lifelong  
*Steven Crossley, Williams & Small Environmental Lawyers

Marguerite Ceschi-Smith, Chair, 
Ontario Brownfield Committee, Federation of Canadian Municipalities

The NATUREworkshop Development Strategy  
*Angie Ross, Natural Roundtable on Environment and Economy

5:30 pm - 6:00 pm  
* Session Moderator

EXHIBIT GALLERY WINE & CHEESE RECEPTION – PASSPORT EVENING

Young Professionals: Follow-up and Discussion of National Event  
"The Leading Edge" by Ontario Young Professional Participants

Workshop: Conservation Authorities and IT Collaboration - Who Needs It?  
Part I: The Theory

Two sessions will be used to discuss the implications of collaborating on IT issues. Topics to be discussed include data acquisition and dissemination, data forms, metadata, standards and applications. Collaboration also includes concepts (sharing ideas), design (sharing models) and implementation (sharing databases or programs).

Workshop: Conservation Authorities and IT Collaboration - Who Needs It?  
Part II: The Practice

Participants are asked to attend both sessions

Leadership and Conservation: Challenges and Opportunities for Professional Development Possibilities

This session explores how to deal creatively with the current maze of staff challenges being faced by a number of environmental and non-profit organizations.

"Tooth for Organisations"  
Paul Babine, Sustainability Network

"Leadership Models and Change, Stability and Renewal"  
Michael Van Loon, Centre for Leadership Studies, University of Guelph

9:00 am - 12:00 pm

Break

9:00 am - 10:00 am

Break

9:00 am - 12:00 pm

EXHIBIT GALLERY WINE & CHEESE RECEPTION – PASSPORT EVENING

Harvest Banquet  
A.D. Latornell Awards of Merit – Presented by the Ontario Keynote Speaker: Gord Miller, Environmental Commissioner

HOSPITALITY SUITE  
Hosts: Conservation Ontario and University of Guelph

Featuring: “The Donegal Fiddlers” Scottish, Irish and Pop Music played with precision

Chapter of the Soil and Water Conservation Society of Ontario – “Thinking Beyond the Near and Now”
7:00 pm - 9:00 pm

Gardner Miller, Water Region

The Science of Natural Heritage Planning - Concepts/Principles & Theory

The Walkerton Inquiry identified the importance of risk-based source protection for groundwater and surface water. This session provides an overview of potential threats to groundwater, and discusses some examples of how these threats are currently being addressed in Ontario.

Dr. Ian Smith, Ministry of the Environment

“Toward a Risk-based Approach” Watershed Report Card

Part II of the Walkerton Report recommends the preparation of source protection plans based on watershed and water budget analysis. Preliminary water budget projects have been ongoing in the Grand and Credit Watersheds. The Oak Ridge Moraine Area requires the development of water budgets by municipalities. A water availability study has also been completed for the Long Point Region Conservation Authority related to urbanization needs.

Brenda Sakowicz, City of Mississauga

“A Global Perspective” Rob Kerr, International Council for Local Environmental Initiatives

11:00 pm - 12:00 am

Clearing the Air

This session will provide an understanding of the present state of our air regionally, provincially and globally, and explore initiatives which propel us towards the benefits of better air quality.

The Science of Air Quality Monitoring in Ontario

Dr. Peter Nimmrichter, AMEC Earth and Environmental

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Dr. Ian Smith, Ministry of the Environment

“A Global Perspective” Rob Kerr, International Council for Local Environmental Initiatives

12:00 am - 1:00 am

Bringing Watersheds to Life

Who owns sewage and night-time dry pipes don’t mix? We’ll highlight our curriculum-based water-related programming designed by the Grand River Conservation Authority (GRCA). The group will follow a night-schedule presentation so they experience a river as the “balancing act.” This session highlights a project that provides water availability study has also been completed for the Long Point Region Conservation Authority related to urbanization needs.

Brenda Sakowicz, City of Mississauga

“A Global Perspective” Rob Kerr, International Council for Local Environmental Initiatives

1:00 am - 2:00 am

Protecting Both Form & Function: Asking the Right Questions

The phrase “Islands of Green” was used to describe our freshwater and natural heritage protection. This session will help us to look beyond the boundary of a single patch of habitat and to consider an integrated landscape approach to the planning for natural heritage.

Dr. Ian Smith, Ministry of the Environment

“Toward a Risk-based Approach” Watershed Report Card

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Brenda Sakowicz, City of Mississauga

“A Global Perspective” Rob Kerr, International Council for Local Environmental Initiatives

2:00 am - 3:00 am

New Research and Water Use Practices

The water use work group is a gathering of the latest water use estimations as they relate to municipal, industrial, agricultural, thermal and hydro-power sectors.

Dr. Ian Smith, Ministry of the Environment

“Toward a Risk-based Approach” Watershed Report Card

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Brenda Sakowicz, City of Mississauga

“A Global Perspective” Rob Kerr, International Council for Local Environmental Initiatives

3:00 am - 4:00 am

Brownfields: Redeeming an Asset

“GROUNDWATER” Chris Lompart, Upper Thames River Conservation Authority

“Toward a Risk-based Approach” Watershed Report Card

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Brenda Sakowicz, City of Mississauga

“A Global Perspective” Rob Kerr, International Council for Local Environmental Initiatives

4:00 am - 5:00 am

Fostering An Early Environmental Ethic

“The SCUBA Divers: The Lost Years” Margaret Young, Ontario Ministry of the Environment

“Toward a Risk-based Approach” Watershed Report Card

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Brenda Sakowicz, City of Mississauga

“A Global Perspective” Rob Kerr, International Council for Local Environmental Initiatives

5:00 am - 6:00 am

Workshop: Conservation Authorities and IT Collaboration – Who Needs It?

Workshop on the development of regional and local IT strategies that support the needs of these organizations.

Marguerite Ceschi-Smith, Chair, Ministry of Municipal Affairs and Housing

“Toward a Risk-based Approach” Watershed Report Card

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Brenda Sakowicz, City of Mississauga

“A Global Perspective” Rob Kerr, International Council for Local Environmental Initiatives

6:00 am - 7:00 am

Young Professionals Forum: Follow-up and Discussion of National Event “The Leading Edge” by Ontario Young Professional

Have a good time in Victoria, BC, and then carry on.

Melissa Watkins, Jessica Brooks, University of Guelph

Amy Sambrook, Wildlife Habitat Canada
Development of a Water Quality Model for Nutrient Management

This session reviews a pilot project that involves the development of a surface water quality computer model. The model is intended to help watershed managers estimate nutrient loading in a watershed or subwatershed from non-point diffuse sources and predict changes associated with implementation of best management practices. The model will be calibrated and tested on several subwatersheds in the Kawartha Lakes region.

Natural Heritage Planning: Applications: Regions, Landscapes & Stewardship

Beginning with the broad scale, this session looks at the application of the principles of landscape ecology and conservation biology. Big picture thinking allows us to strategically place our initiatives within the context of the greater ecosystem.

Groundwater Studies Program (Overview)

Since 1999, the Ministry of the Environment has assisted municipalities and conservation authorities across the province in gathering information on their groundwater resources (vulnerable aquifers, wellfields and potential sources of contamination) by providing over 1000 MNL in funding.

Integrating the Integral - The Case for Reconnecting with Our Environment

What really makes us healthy might surprise you. This session explores with the latest research into the determinants of health and highlights attempts to mobilize various community resources in the pursuit of improved urban health. An interactive panel discussion follows.

Reconnecting Fragmented Watercourses

Restoring watersheds to a more natural state is a direction taken by many groups. As well as a provincial overview of the work that is under way, this session includes a watershed perspective and a case study on a Nottawasaga Valley Conservation Authority project.

Finally - A Marketing Plan that Works

This session will provide participants with a practical review of marketing and communications basics. Take home a plan that will help you to create value.

Resource & Scientific Information for Farmers

Justice O’Connor identified the important role that resource and scientific information has in assisting farmers to implement environmentally responsible agricultural practices. This session provides an overview of the theory and practice of technology transfer, as well as examples of successful tools developed for nutrient management planning, and a case-study of how resources and scientific information can be provided to landowners.

Agricultural Water Use: Irrigation

Recent low precipitation events, and the longer-term concerns about climate change, has focused attention on the need to develop innovative methods to conserve water. This session provides a discussion of innovative irrigation technology, some experiences from a successful low water response team process, and a case-study of a creative pilot project to reduce water use.

Great Lakes - St. Lawrence Declaration: Water, Land and People

The Great Lakes - St. Lawrence Declaration provides a framework for cooperation on a pan-Canadian and international scale. This session looks back at the achievements of the first three years of the Program, and surveys the work of the Partnerships and Networks established under the Declaration.

CONSERVATION PIONEER LUNCHEON

Presentation of the Pioneer Conservation Awards
**Program Details**

**Thursday, November 13**

**Watershed Management**

T1A *Paige Agnew Room 15

**Natural Heritage**

T1B *Rob Dykstra Room 1-2-3

**Water**

T1C *Jane Gurney Room Bel Vinst

**Sustainability in Action**

T1D *Bronwyn Willson Room Belmont

**Fishes**

T1E *Jessica Paterson Room Bel Vinst

**Communications**

TIP *Hayley Berlin Room 4

**Agriculture**

TIP *Jennifer Kirkness Room 5

### Watercourses and Watershed Planning

**Development of a Water Quality Model for Nutrient Management**

The session reviews a pilot project that involves the development of a surface water quality computer model. The model is intended to help municipalities estimate nutrient loading in a watershed or subwatershed from non-point diffuse sources and predict changes associated with the implementation of best management practices. The model will be calibrated and tested on three subwatersheds: Nottawasaga River and Ravenna Lake watershed.

**Development of a Water Quality Model for Nutrient Management**

Jim Anderson, Mark Patmore, Grassland International Consulting Inc.

### Natural Heritage Planning

**Natural Heritage Planning Applications: Regions, Landscapes & Stewardship**

Beginning with the broad scale, this session looks at the application of the principles of landscape ecology and conservation biology. Big picture thinking allows us to strategically place our initiatives within the context of the greater ecosystem.

**Integrating the Integral - The Case for Connecting with Our Environment**

What really makes us healthy might surprise you. This session explores the latest research into the determinants of health and highlights attempts to model various community resources in the pursuit of improved urban health. An interactive panel discussion follows.

**Reconnecting Fragmented Watercourses**

Restoring waterways to a more natural state is a direction taken by many groups. As well as a provincial overview of the recent movement in the direction of a longer-term vision, this session includes a watershed perspective and a case study of a Nottawasaga Watershed Conservation Authority project.

**Finally - A Marketing Plan that Works**

This session will provide participants with a practical review of marketing and communications basics. Take home a plan that will help you to create value.

**Comprehensive Water Management for Agriculture**

Jim O’Connor identified the important role that resource and scientific information has in assisting farmers to implement environmentally-responsible agricultural practices. This session provides an overview of the theory and practice of technology transfer, as an example of a successful tool developed for nutrient management planning, and a case-study of how resource and scientific information can be provided to landowners.

**Integrating the Integral - The Case for Connecting with Our Environment**

Fred Gallows, Galloways and Associates

### Natural Heritage Planning

**Natural Heritage Planning Applications: Regions, Landscapes & Stewardship**

*Jane Gurney*

**Integrating the Integral - The Case for Connecting with Our Environment**

*Hayley Berlin*

**Reconnecting Fragmented Watercourses**

*Jennifer Kirkness*

**Finally - A Marketing Plan that Works**

*Bronwynne Wilton*

**Comprehensive Water Management for Agriculture**

*Jessica Paterson*

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### Watercourses and Watershed Planning

**Assessing Source Protection Planning Information Availability and Requirements**

As Conservation Authorities begin formal source water protection planning, it is important for them to have access to adequate watershed information and staff resources. This session examines a pilot project that assesses how much information will be required by the Water Resources Information Project that is currently becoming an important source of information for watershed practitioners.

* clinical Watershed Network, Ministry of the Environment, Natural Resources and Environment*

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*Jessica Paterson*
Source Protection and Municipal Water Works

This session explores the relationship between source protection and municipal water works. It highlights the importance of maintaining a balance between the two to ensure the availability of safe drinking water. It also includes case studies and best practices from various jurisdictions.

NATURAL HABITAT * Melissa Watkins Room 1-2-3

Oak Ridges Moraine: A Year Later

In 2003, the Ontario government consulted with the Oak Ridges Moraine and the complex issues involved. The outcome was a package of strategies, including legislation and regulations, and the creation of the Oak Ridges Moraine Foundation to help implement the strategies. This session will review the progress made through the Oak Ridges Moraine Foundation and look at what progress we have made so far.

WATER * Kevin Tumpan Room Belvista

Walls

Ensuring proper wall construction and wall deconstruction of abandoned wells will have been identified as priorities for a source protection plan. This session will highlight some recent changes to the province’s well program and traditional training for wall and well practitioners.

SUSTAINABILITY IN ACTION * Bronwynne Wilton Room Belvista

First Nations Natural Resources Forum

The natural resource management challenges faced by aboriginal communities today are a result of working with various government agencies, non-government organizations, and community groups in a collaborative approach. This session will address some of the approaches experimented by First Nations and share some of their successes in participating in natural resource management.

First Nations Natural Resources Forum

“Stewardship Model & Oversight” - Ministry of the Environment

“Toroa Region Wells Water Pipe” - Bill Smiraglia, Public Works City of Toronto

First Nations’ Perspective on Stewardship Management - Elaine Gilliland, Peer-Review

Meaningful Consultation:

The Search for the Holy Grail

“Constructive Engagement of Stakeholders in Effective Consultation Processes” - Rob Ogilvie, O&G Associates

Most of us have had our public consultation processes or been involved in someone else’s process. This session is about how to design, structure and run a public consultation process that is meaningful for the participants and cost effective for the sponsor.

This session is a “peppering” with a wide variety of lesson examples and feedback from consultation processes Rob has designed and facilitated.

COMMUNICATIONS * Jessica Brooks Room 18

New Directions in Agri-Environmental Policy

The federal approach to agri-environmental policy is taking a new direction. This session discusses the key initiatives in this new direction, including federal and farm group perspectives on the new Agri-Food Policy Framework, an overview of the forthcoming farmer consultation program, and a profile of one of the next generation Environmental Farm Plans.

“The Environmental Pillars of the New Agricultural Food Policy Framework” - Mark Hladik, Agriculture & Agri-Food Canada

“Finding the Balance: A farmer’s perspective” - Greg Hamer, AGCARE

“Greenwave Project” - Nancy Chamy, Agriculture & Agri-Food Canada

“Environmental Farm Plans: The Next Generation” - Andy Graham, Ontario-Sol and Crop Improvement Association
Thursday, November 13

**PROGRAM DETAILS**

**WATERSHED HERITAGE**
- T3A *Leith Deacon* Room 15
  - Oak Ridge Moraine: A Year Later

**NATURAL HERITAGE**
- T3B *Melissa Watkins* Room 1-2-3
  - Natural Hazards

**WATER**
- T3C *Kevin Tupman* Room Belvita
  - Natural Channel Design and Stream Boundaries

**SUSTAINABILITY IN ACTION**
- T3D *Bronwynne Wilton* Room Belvita
  - Refining Ontario’s Watered Boundaries

**NATURAL RESOURCES**
- T3E *Jennifer Kirkness* Room 18
  - First Nations Natural Resources Forum

**COMMUNICATIONS**
- T3F *Jessica Brooks* Room 18
  - Meaningful Consultation: The Search for the Holy Grail

**AGRICULTURE**
- T3G *Julie Cayley* Room 3
  - New Directions in Agri-Environmental Policy

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**OPENING OF DREAM AUCTION**
(Conservation Dome – Cash Bar)

**ANNIVERSARY GALA BANQUET**
(Banquet & Formal)

**DREAM AUCTION ENTERTAINMENT**
Lorraine Elliott, Host of the popular CBC Radio program “Maddly Off In All Directions”
Planning Together for the Most Effective Source Protection: A Conservation Authority Perspective

It is proposed that Conservation Authorities must work together within source protection planning areas and facilitate joint source protection planning with their municipalities and community on a watershed basis. The Lake Simcoe Region and Nottawasaga Valley Conservation Authorities have mapped out a joint approach to source protection planning in their shared planning area. This presentation will provide an overview of their joint approach which combines both regulatory and watershed information as well as highlights on the challenges and opportunities found.

Joint Source Protection Planning in the Lake Simcoe Watershed – Carol Wood, Lake Simcoe Region Conservation Authority; Wayne Wilson, Nottawasaga Valley Conservation Authority

Natural Heritage Inventories: An Evolution in Approach – From Pioneers To Practitioners

The inventory and assessment of natural areas has an effective means of documenting critical habitats within municipalities and supporting their planning process. From the early days of Haldimand-Norfolk study to the current Halton inventory, these leading edge initiatives have not been without their challenges. These sessions will walk us through the evolution of the work and the lessons learned.

Natural Heritage Inventories – What Have We Learned? – Jan McClaenan, Bird Studies Canada

"1993-2010: The Hamilton Natural Area Inventory and Nature Course: Partnership and Implementation" – Paul Attack, Hamilton Field Naturalists; Cathy Place, City of Hamilton

2001 - 2006: Halton Natural Area Inventory: How to Get Partners Together to Get Money, Where to Hire How to Get Municipal Buy-In? – Jill Dwyer, Halton Natural Area Inventory

Surface Water and Groundwater Interaction

The movement of water from the surface to the ground water system and groundwater recharge of baseflow in streams is a relatively new science that is integral to watershed structure, composition and function.

"Introduction" – Barbara Anderson, Ministry of the Environment
"Groundwater Under Direct Influence" – Don Dettmer, Jim Gehrels, Ministry of the Environment
"Defining Minimum Baseflow to Maintain Ecological Processes and Function" – Jack Inkil, Trent University Canada
"Baseline analysis and investigations – the St. Joseph Creek Experience" – Rick Gerber, University of Toronto
"Grasslands and Surface Water – One Resource One Model" – Douglass Graham, SHF Water and Environment

Water: Public or Private?

"Provision of Municipal Water Services: An Overview of Issues" – Fiona Paishrean, C.D. Howe Institute
"So Proceed To Privatize – CUFEP's Campaign for Public Ownership of Water" – Brenda Wells, Canadian Union of Public Employees

An Overview of the Science of Climate Change and Its Implications on Conservation

"Climate Change: Implications for Conservation" – Daniel Scott, University of Waterloo

Climate Change: Source Protection

Dave Peterson, Laurentian University

Visitor Statistics for Conservation Authorities in Ontario: Current Status and Methods

A survey conducted in 2002 showed that almost 6 million people visit Conservation Areas each year in Ontario. This session will provide an overview of the results of the survey and recommendations on how Conservation Authorities can use this information effectively to increase the efficiency of their data collection.

Eric Balda, Toronto & Region Conservation Authority

Exploring Landowner Attitudes Towards Conservation and Conservation Agencies – Part 1

Conservation of Ontario’s natural heritage, wildlife and habitats is dependent on the interest & will of private landowners. This session will explore landowner attitudes towards conserving natural resources on their property.

"Learning From Rural Landlords" – Stewart Hiltz, Susan Mclur; Louis-Andre Milburn, University of Guelph
"Results From A Series of Rural Landowners Focus Group Being Conducted by Ducks Unlimited" – Bob Cich, Ducks Unlimited Canada
"Influence of Education, Type of Land Ownership, and Community Attitudes" – Ron Reid, Counselling Conservation

LUNCHEON / WRAP-UP PLENARY SESSION (Conservation Dome)

12:00 pm - 2:00 pm

Keynote Speakers: Mario Belvedere, Chief Administrative Officer, Town of Milton – “Eco-Tech Village Project: Making Choices Toward Sustainability”


Mario Belvedere

Bryan Howard
**PROGRAM DETAILS**

**10:00 am - 10:30 am**

- **F1A**
  - *Leith Deacon*
  - Room 16

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- **F1B**
  - *Katie Nasswetter*
  - Room 14

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- **F1C**
  - *Jessica Paterson*
  - Room 11

Surface Water and Groundwater Interaction

The movement of water from the surface to the ground water system and groundwater recharge of baselines in streams is a relatively new science that is integral to watershed structure, composition and function.

- **F1D**
  - *Melissa Watkins*
  - Room 10A

Water: Public or Private?

- **F1E**
  - *Jane Gurney*
  - Room 10B

An Overview of the Science of Climate Change and its Implications on Conservation

*Climate Change: Implications for Conservation* Daniel Scott, University of Waterloo

- **F1F**
  - *Kevin Tupman*
  - Room 5

Parks Management

- **F1G**
  - *Stew Hills*
  - Room 6

Landowner Perspectives

**10:30 am - 12:00 pm**

- **F2A**
  - *Jennifer Kirkness*
  - Room 16

Source Water Protection in a Watershed Context

A review of results from a recently completed research project with the University of Guelph that focuses on how land use and groundwater sources protection.

- **F2B**
  - *Katie Nasswetter*
  - Room 14

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Landowner Perspectives

**LUNCHEON / WRAP-UP PLENARY SESSION (Conservation Dome)**

**12:00 pm - 2:00 pm**

**Keynote Speakers:** Mario Belvedere, Chief Administrative Officer, Town of Milton – *Eco-Tech Village Project… Making Choices Toward Sustainability*

Thank you for your support!

Each year, the A.D. Latornell Symposium Steering Committee organizes ongoing fundraising activities to contribute towards the A.D. Latornell Conservation Symposium Grant. This year the Grant is supporting 12 recipients to attend the Symposium.

Your continued support is very much appreciated and, in particular, toward this 10th year Dream Auction celebration. All sales will be contributed to the Latornell Grant to assist students and non-for-profit organizations in taking part in next year’s Symposium. You can also support other conservation causes by purchasing some of the following items available at the Registration Desk.

Limited Edition Prints of the Latornell Tree
Artist: Bonna E.G. Rouse

Recently released books by Katherine Jacob

Oak Ridges Moraine Trails
Detailed maps, directions, descriptions for trip planning information for the 36 trails on the beautiful Oak Ridges Moraine.

44 Country Trails
Maps and trail descriptions that will guide you through the Conservation Area lands and trails of the Grand River, Hamilton, Halton, Long Point and Niagara conservation authorities.

Bruce Peninsula Trails
Maps and trail descriptions for the Bruce and trails in the Grey Sauble, Maitland and Saugeen Valley conservation authorities.

The Best of the Bruce
Highlights portions of the trail from the wine country of Niagara to the wilderness of the Bruce Peninsula.

Exhibitor’s Gallery
Affset Inc.
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Conservation Ontario
Cuesta Systems
Dixon Hydrogeology
Ducks Unlimited Canada
Earth FX
Environment Canada
Fisheries and Oceans Canada
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Marshall Maclin Moorish
Ministry of Agriculture and Food
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**Latornell Fleece Vests**

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