



A.D. LATORNELL CONSERVATION SYMPOSIUM PROGRAM

**HEALTHY WATERS
HEALTHY COMMUNITIES**

NOVEMBER 16, 17, 18, 2005



UNIVERSITY
of GUELPH

www.LATORNELL.CA

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Stuart Mallany, Ontario Ministry of Natural Resources

Steve Wilkins, Ontario Ministry of Natural Resources

John Lackey, Soil and Water Conservation Society

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SYMPOSIUM

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WELCOME

CHAIR'S MESSAGE

On behalf of the Steering Committee, I would like to welcome everyone to the 12th annual A.D. Latornell Conservation Symposium. The main partners for the event, Conservation Ontario and the Centre for Land and Water Stewardship, University of Guelph, have joined with many other Ontario agencies and groups to organize and deliver an exceptional program.

The theme of this year's Symposium is "Healthy Waters - Healthy Communities". Throughout the more than 40 sessions, we will explore the important links between public health and the state of our natural resources, with special emphasis on water.

This year marks the fifth anniversary of the tragic event in Walkerton, Ontario. In May 2000, the drinking water for the town of Walkerton became contaminated with E-coli bacteria. As a result, seven people died, and more than half the population became ill. The tragedy triggered concerns about the safety of Ontario's drinking water and set in motion a series of public hearings and the establishment of more than one provincial advisory committee. Today, we are upon the eve of the introduction of new legislation that will address these concerns.

This year's program brings back some popular events:

- Student Poster Call featuring original research by students from seven different universities
- Conservation Pioneer Awards with special recognition of five individuals who have demonstrated a long-term commitment to the field of Conservation
- Dream Auction event that raises funds for the Symposium's bursary program, open to delegates requiring assistance to attend the conference.

We would like to thank our important lead partners for this event - the Ontario Ministry of the Environment along with the Ontario Ministry of Natural Resources and Fisheries and Oceans Canada. Their support, both financially and through program development, has helped us to make the Symposium Ontario's premier conservation event.

We are also grateful to our other sponsors - the University of Guelph's A.D. Latornell Endowment Fund, Ontario Parks, Ontario Ministry of Agriculture, Food and Rural Affairs, Ducks Unlimited Canada, Telus, Allset Inc. and the Nottawasaga Inn and Conference Centre.

We hope you find this year's program highly informative and entertaining.

Yours in Conservation,



Chris Hachey, Chair
12th Annual A.D. Latornell Symposium Steering Committee



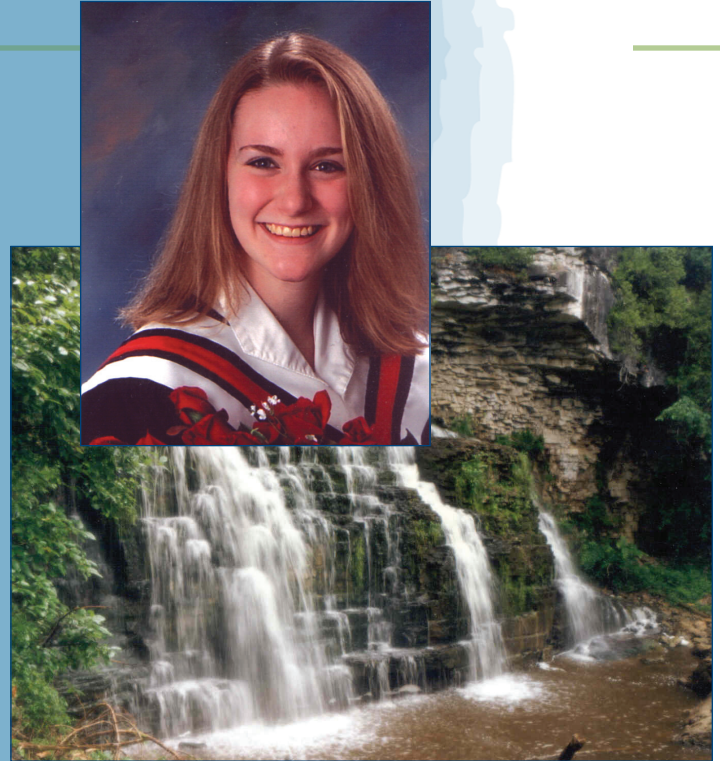
AWARD OF MERIT

A.D. LATORNELL

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 Arthur 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 Carly Dulberg. Carly is currently in her fourth year at McMaster University in Geography. As part of the award, Carly is sponsored to attend the Symposium and receives a one-year membership in the SWCS. Carly will be presented with the A.D. Latornell Award of Merit on Wednesday, November 16th during the Harvest Banquet Dinner.

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



YOUNG CONSERVATION PROFESSIONALS

GRADUATION

At the 2004 Latornell Conservation Symposium, the Centre for Land and Water Stewardship, University of Guelph, announced the Young Conservation Professionals Career Development Initiative (YCP-CDI). With the goal of nurturing management and leadership capabilities among young professionals in land and water stewardship and conservation, the YCP-CDI involved emerging conservation leaders in experiential learning and training opportunities throughout 2005.

As the inaugural year of YCP-CDI comes to a close, we congratulate participants of the 2005 YCP-CDI program:

- Amy Doole, Credit Valley Conservation
- Andrea McLeod, City of Mississauga
- Clare Mitchell, Ducks Unlimited Canada
- Julie Hordowick, Toronto and Region Conservation
- Julie Lambert, Ontario Ministry of Natural Resources Fish and Wildlife Branch
- Kasey Livingston, Caledon Countryside Alliance
- Kate Potter, Oak Ridges Moraine Foundation/Conservation Authorities Moraine Coalition
- Kim Statham-Bray, City of Toronto
- Kristie Virgoe, Kawartha Conservation
- Marlene Doyle, EMAN - Environment Canada
- Mary Van Sleeuwen, Ontario Parks Planning and Research

- Melissa Watkins, Ontario Farmland Trust
- Rebecca Hay, Ontario Ministry of Natural Resources - Guelph District
- Sean Watt, Cataraqui Region Conservation Authority
- Sonia Dong, Citizen's Environmental Watch
- Tarrah Young, Everdale Environmental Learning Centre
- Tim Beckenham, Lower Trent Conservation
- Wendy Cooper, Georgian Bay Land Trust
- Wendy Strickland, Local Enhancement and Appreciation of Forests (LEAF)

We are very grateful for the support of Conservation Ontario, the Latornell Fund, the Richard Ivey Foundation and the Sustainability Network. In addition, the inaugural year of this program would not have been possible without the time generously donated by many conservation professionals who helped with advice and the delivery of workshops. We are particularly thankful to Karen Gallant for helping to manage the program and to Dr. Gordon Ball for his significant support and leadership.

For more information about the YCP-CDI, contact Peter Mitchell, Centre for Land and Water Stewardship, University of Guelph by phone at 519-824-4120 ext. 58329, or e-mail claws@uoguelph.ca.

1993-2005

A.D. LATORNELL SYMPOSIUM

The A.D. Latornell Conservation Symposium is one of Ontario's largest annual conferences focusing on environmental and conservation issues. Attracting over 900 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 single best place to hear up-to-date presentations on current conservation issues facing Ontario.

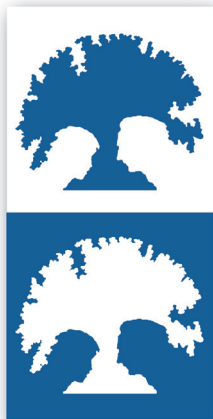
The Symposium has been co-hosted from its inception by Conservation Ontario and the Centre for Land and Water Stewardship at the University of Guelph.

Each year, the Symposium is provided with a generous donation from the A.D. Latornell Endowment Fund at the University of Guelph.

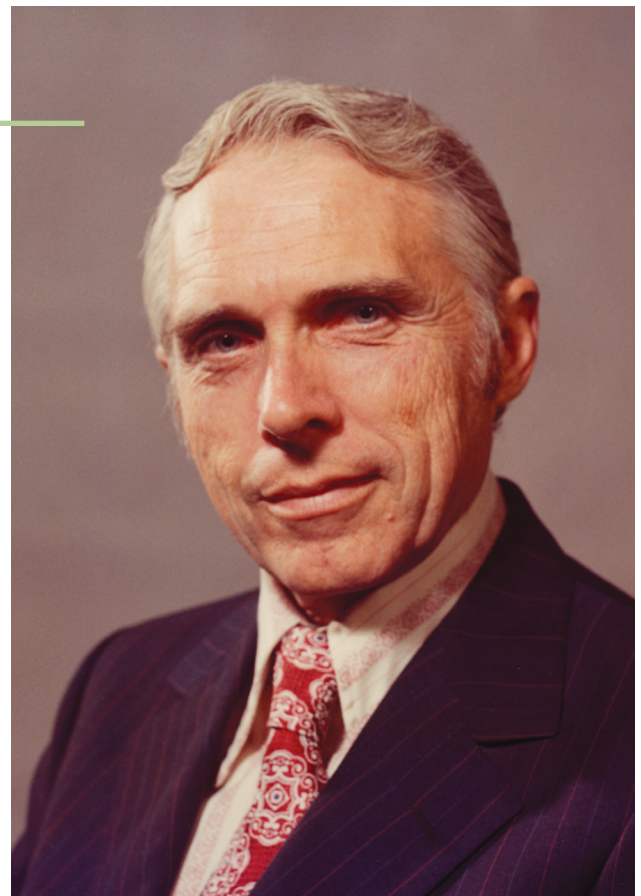
This Symposium is held in the memory of Arthur Douglas Latornell, a leading conservationist, who was dedicated to the grassroots conservation movement in Southern Ontario. He was a strong mentor to young people who were interested in the field of conservation and he was an important promoter of Conservation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



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The A.D. Latornell logo was designed to represent the significant aspects of Arthur Latornell's life and legacy. The logo is a silhouette of an ancient tree, which represents the conservation of natural resources and Arthur'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 16

8:00 - 10:00 AM REGISTRATION

10:00 - 12:00 PM PLENARY

- Mayor Mike MacEachern, Town of New Tecumseth
- Justice Dennis O'Connor, Associate Chief Justice of Ontario
- Dr. Sheela Basrur, Ontario Medical Officer of Health
- Dr. Alan Wildeman, Vice-President, Research, University of Guelph

12:00 - 2:00 PM LUNCH & KEYNOTE

- Dr. William Rees, University of British Columbia (author of Our Ecological Footprint)

2:00 - 3:30 PM CONCURRENT SESSIONS

- WIA Water Quality Monitoring
WIB Source Water Protection Legislation & Regulations
WIC The New Science - Natural Heritage Systems and Conservation Biology
WID New Planning Directions for Ontario: An Overview
WIE Developing a Stewardship Strategy for Ontario
WIF Significant Woodlands - "Aren't They All?"
WIG Bridging the Gap: Mentors and Mentoring

3:30 - 4:00 PM BREAK

4:00 - 5:30 PM CONCURRENT SESSIONS

- W2A Assimilative Capacity Studies for Lake Simcoe and Nottawasaga River
W2B Integrating Source Water Protection with Watershed Management
W2C Systems Planning on a Broad Regional Scale
W2D New Planning Direction For Ontario: An Assessment
W2E Local Stewardship Collaborations that Achieve Results - How Do They Do It?
W2F Forest Restoration - Are Today's "Significant" Forests Enough to Restore Tomorrow's Forests?
W2G Lessons from YCP-CDI

5:30 - 7:00 PM WINE & CHEESE

Exhibitors Gallery

7:00 - 9:00 PM

HARVEST BANQUET & KEYNOTE

Conservation Dome

8:00 PM

- Special Graduation of Young Conservation Professionals Program presented by the University of Guelph
- A.D. Latornell Award of Merit, presented by the Soil and Water Conservation Society

8:30 PM

- Keynote: Ryan Hreljac, Ryan's Well Foundation

9:00 - 12:00 AM

HOSPITALITY SUITE

(Rooms 1-2-3)

DAY 2 THURSDAY, NOVEMBER 17

7:30 AM REGISTRATION

8:30 - 10:00 AM CONCURRENT SESSIONS

- TIA Climate Change and its Impact on Watershed Planning
TIB Available Water Resources Data and Source Water Protection
TIC Landscape Systems - Putting the Pieces Together
TID Responding to Demographic Realities
TIE A New Vision for Agriculture and the Environment
TIF Watershed-based Fisheries Management Planning
TIG Risk Management (for Programs) in our Natural Areas

10:00 - 10:30 AM BREAK

10:30 - 12:00 PM CONCURRENT SESSIONS

- T2A Emergency Planning for Dam Management
T2B Source Water Protection Risk Assessment
T2C Tools and Techniques
T2D Principles of Sustainable Planning
T2E From Vision to Action: New Agri-Environmental Tools
T2F Tools for Managing the Impacts from Alterations in Water Supply to Stream Systems
T2G Environmental Education Expo

12:00 - 2:00 PM PIONEER LUNCH

Conservation Dome

- Master of Ceremonies Gayle Wood, Lake Simcoe Region Conservation Authority

2:00 - 3:30 PM CONCURRENT SESSIONS

- T3A** Incorporating Amended Generic Regulation into Land and Water Management
- T3B** Linking Environmental and Public Health
- T3C** Case Studies
- T3D** Measuring Success
- T3E** Making Progress: Agri-Environmental Science and Research
- T3F** Ontario's Fish Habitat Management Program - Working with Change.
- T3G** Great Expectations – An Outcomes Approach to Reaching Your Target Audience

3:30 - 4:00 PM BREAK

4 PM CONSERVATION DOME
Cash Bar opens

4:00 - 5:30 PM INTERACTIVE STUDENT POSTERS

- Conservation Dome
- Master of Ceremonies, Stewart Hiltz, University of Guelph and Don Pearson, Conservation Ontario

4:00 - 7:00 PM DREAM AUCTION
Conservation Dome

6:30 - 9:30 PM BANQUET DREAM AUCTION

7:30 PM - STUDENT POSTER WINNER ANNOUNCEMENT

8:00 PM LIVE AUCTION
Auctioneer Don McKay

8:30 PM - COMEDIAN/HYPNOTIST, Mike Mandel

9:30 - 12:00 AM HOSPITALITY SUITE
(Rooms 1-2-3)

DAY 3 FRIDAY, NOVEMBER 18

7:00 AM BREAKFAST

- Conservation Dome
- Ron Bonnett, Ontario Federation of Agriculture

8:30 - 10:00 AM CONCURRENT SESSIONS

- F1A** Watershed Management and the Great Lakes (Part 1 of 2)
- F1B** Partners in Protecting Ontario's Drinking Water
- F1C** Economic and Non-traditional Values of Natural Heritage
- F1D** From Principles To Practice (part 1 of 2)
- F1E** Problem Wildlife - Strategy to Action
- F1F** Border Patrol
- F1G** All Things Arc Hydro

10:00 - 10:30 AM BREAK

10:30 - 12:00 PM CONCURRENT SESSIONS

- F2A** Watershed Management and the Great Lakes (Part 2 of 2)
- F2B** Regulatory Linkages Around Source Water Protection
- F2C** Invasive Species: Is Prevention Possible?
- F2D** From Principles to Practice (part 2 of 2)
- F2E** The Future of Farming in Ontario
- F2F** The Challenges of Providing Safe Drinking Water in Parks
- F2G** Practical Information Management in Support of Source Water Protection

12:00 - 1:00 PM LUNCH AND WRAP UP

- Conservation Dome
- Gord Miller, Environmental Commissioner of Ontario
-

DREAM AUCTION

The A.D. Latornell Symposium Steering Committee will be sponsoring the annual Dream Auction during the Banquet Dinner. The items will be ready for viewing and silent bidding as of 4 p.m. on November 17th in the Conservation Dome. This event is a wonderful way to support the fundraising efforts of the Steering Committee who strive to increase the funds of the A.D. Latornell Grant. All proceeds from the Dream Auction are invested in the Latornell Grant which provides funds to assist students, non-for-profit organizations and volunteers in attending the Symposium.

We hope to raise more than \$5,000 this year and this cannot be achieved without your support. Highlights of the 2005 Dream Auction:

- BlackBerry 7250™
- One-of-a-kind wine rack loaded with the Steering Committee's favorite wines from all over the world
- His & Hers Outdoor Package
- Walk in the Clouds Pass
- Luther Marsh Family Weekend
- Mid Winter Ice Fishing Package
- Books, Shirts, Flowers, Jams, Preserves, Limited Edition Prints, Wines and lots lots more... even a Dancing Man!!!



There are many ways to get involved in the Dream Auction and it's never too early or too late. Whether it is setting aside your own quality items for donation, soliciting donations from others, sponsoring or seeking sponsors, or bidding, bidding higher and buying, we appreciate your efforts. Come and join the fun!

GRANT

A.D. LATORNELL

The A.D. Latornell Conservation Symposium Grant was established in memory of Arthur 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 raised at the previous year's Symposium Dream Auction. The aim of the Grant is to award successful applicants with the funds to cover registration and accommodations 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, eight recipients were awarded funds to attend the Symposium.

Funds for the grants are made available through the fundraising efforts of the Dream Auction held annually at the Symposium.

Organizations and individuals may also provide donations to this fund by contacting:

Conservation Ontario
P.O. Box 11, 120 Bayview Parkway
Newmarket, ON L3Y 4W3
Tel.: (905) 895-0716
Fax: (905) 895-0751
Email: info@conservation-ontario.on.ca

THANKS!

The Symposium would like to thank the Ontario Soil and Water Conservation Society for their generous donation to the fund this year.

PROGRAM DETAILS 2005

DAY 1 WEDNESDAY NOVEMBER 16

10:00 - WELCOME AND INTRODUCTIONS (CONSERVATION DOME)

Chris Hachey, Chair, A.D. Latornell Conservation Symposium (Master of Ceremonies)
Peter Krause, Chair, Conservation Ontario
Stewart Hillts, University of Guelph

GREETINGS BY

Mayor Mike MacEachern,
Town of New Tecumseth

10:30 - 12:00 PM PLENARY SESSION/KEYNOTE SPEAKERS



Public Participation – It Can Make a Difference

Justice Dennis
O'Connor, Associate
Chief Justice of
Ontario

The Role of Public Health in Healthy Water and Healthy Communities

Dr. Sheela Basrur,
Ontario Medical
Officer of Health

Self interest... Our Most Abundant Natural Resource

Dr. Alan Wildeman,
Vice-President,
Research, University
of Guelph

12:00 - 2:00 PM

LUNCHEON AND KEYNOTE



Address to the delegates

The Honourable Laurel Broten,
Minister of the Environment

Mything Out on Sustainability

Dr. William Rees, University of British Columbia
(author of Our Ecological Footprint)

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 enriching experiences 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 12th annual Symposium, we are pleased to make a \$3,000 donation to Ryan's Well Foundation to assist in the provision of clean water and to bring health services to water-poor people in developing countries.

DAY 1 WEDNESDAY, NOVEMBER 16, 2005

DAY TIMES

Registration
8:00 - 10:00 am

Concurrent Sessions
2:00 - 3:30 pm

Concurrent Sessions
4:00 - 5:30 pm

WATERSHED MANAGEMENT	SOURCE WATER PROTECTION	NATURAL HERITAGE
W1A ROOM #10	W1B ROOM #16	W1C ROOM #4
<p>WATER QUALITY MONITORING MODERATOR: ALICIA EVANS</p> <p>This session examines recent innovations and issues associated with water quality and quantity monitoring and reporting.</p> <p>Real-time Monitoring in the Grand River Watershed: Past Experience and Future Directions Mark S. Anderson, Grand River Conservation Authority</p> <p>Project Trackdown: A Pilot Study for Tracking PCBs in the Environment Nadine Benoit, Ministry of the Environment</p> <p>Understanding Our Watersheds: The Role of Water Quality Monitoring in Watershed Management Aaron Todd, Ministry of the Environment</p> <p>A Comparison of Stream Benthic Sampling Methods in Toronto-area Streams Jeff Borisko, Toronto & Region Conservation Authority</p>	<p>SOURCE WATER PROTECTION LEGISLATION MODERATOR: ALISON QUA-ENOO</p> <p>Provincial legislation and regulations will guide source water protection planning and implementation for Ontario's watershed managers. This session will review the directions for the proposed new legislation as well as provide perspectives on how this affects the roles of Conservation Authorities and Municipalities.</p> <p>Components of the Proposed Drinking Water Protection Legislation and Regulations Ian Smith, Ministry of the Environment</p> <p>Coordinating Source Water Protection Planning – The Role of Conservation Authorities Lorrie Minshall, Grand River Conservation Authority</p> <p>A Municipal Perspective on Source Water Protection – Opportunities and Concerns Lloyd Lemon, Regional Municipality of York</p> <p>Impact of the New Legislation on Conservation Authorities Keith Taylor, Quinte Conservation</p>	<p>THE NEW SCIENCE – NATURAL HERITAGE SYSTEMS AND CONSERVATION BIOLOGY MODERATOR: MADISON SAUNDERS</p> <p>Learn about some of the most recent developments in conservation biology from leading researchers.</p> <p>Conservation Behaviours of the Forest Bird: A New Perspective Bridget Stutchbury, York University</p> <p>Range Expansion of the Southern Flying Squirrel Dr. Jeff Bowman, Ministry of Natural Resources</p> <p>Key Landscape Variables and Their Effects on Habitat within an Urbanizing Area Elizabeth Zajc, University of Waterloo</p>
WATERSHED MANAGEMENT	SOURCE WATER PROTECTION	NATURAL HERITAGE
W2A ROOM #4	W2B ROOM #16	W2C ROOM #10
<p>ASSIMILATIVE CAPACITY STUDIES FOR LAKE SIMCOE AND NOTTAWASAGA RIVER MODERATOR: MADISON SAUNDERS</p> <p>This session focuses on the growth pressure issues within the Lake Simcoe and Nottawasaga River watersheds and the studies being conducted to analyze these issues in terms of the Intergovernmental Action Plan.</p> <p>Intergovernmental Action Plan for Simcoe, Barrie and Orillia Bruce Singbush, Ministry of Municipal Affairs and Housing</p> <p>Overview of Assimilative Capacity Studies for Lake Simcoe and the Nottawasaga River Rob Baldwin, Lake Simcoe Region Conservation Authority</p> <p>Assimilative Capacity and Watershed Management – Application and Implementation Mike Walters, Lake Simcoe Region Conservation Authority</p>	<p>INTEGRATING SOURCE WATER PROTECTION WITH WATERSHED MANAGEMENT MODERATOR: ALISON QUA-ENOO</p> <p>Source Protection is one component of the broader watershed management process. This session explores how source protection planning fits with other watershed program activities.</p> <p>Conservation Authority Watershed Management Programs and Source Water Protection Charley Worte, Conservation Ontario</p> <p>The Watershed Planning Process Sonya Meek, Toronto & Region Conservation Authority</p> <p>Integration of Program Delivery Tracey Ryan, Grand River Conservation Authority</p>	<p>SYSTEMS PLANNING ON A BROAD REGIONAL SCALE MODERATOR: ALICIA EVANS</p> <p>Step back and look at the big picture. This session will provide insight for understanding the context for landscape analysis by reviewing overall principles for the conservation of biodiversity.</p> <p>Climate Change and Its Impact on an Ecosystem Approach to Management Paul Gray, Ministry of Natural Resources</p> <p>Ontario's Biodiversity Program Debbie Ramsay, Ministry of Natural Resources</p> <p>Natural Spaces – Working Toward a Natural Heritage System for Southern Ontario Jenny Aikman, Natural Spaces Initiative, Ministry of Natural Resources</p>
<p>5:30 - 7:00 pm Wine & Cheese Exhibitors Gallery</p>	<p>7:00 - 9:00 pm Banquet & Keynote Conservation Dome</p>	<p>8:00 pm Special Graduation of Young Conservation Professionals Program presented by the University of Guelph</p>
		<p>8:00 pm A.D. Latonell Award of Merit, presented by the Soil and Water Conservation Society</p>

SUSTAINABLE PLANNING	COMMUNITY STEWARDSHIP	RESOURCE MANAGEMENT (FORESTRY)	YOUNG CONSERVATIONISTS
W1D ROOM #10A	W1E ROOM #5	W1F ROOM #6	W1G ROOM #19

NEW PLANNING DIRECTIONS FOR ONTARIO: AN OVERVIEW
 MODERATOR: ANDREA ZIETSMA

Learn about new provincial initiatives such as "Places to Grow", the policy statement, the greenbelt plan and regulations under the *Conservation Authorities Act*. How will these new directions shape Ontario's future?

Mark Dorfman, Marc. L. Dorfman, Planner Inc.
Lessons from the Niagara Escarpment, Oak Ridges Moraine and Greenbelt Planning Processes: Progress Towards Sustainability?
Graham Whitelaw, University of Waterloo
Debbe Crandall, University of Waterloo
Melanie Hare, Urban Strategies Inc.

DEVELOPING A STEWARDSHIP STRATEGY FOR ONTARIO
 MODERATOR: ERIK ACS

tarting with a panel perspective on the existing stewardship programs and approaches of various agricultural and conservation organizations, this session will draw participants into a dialogue about the development of a generic Rural Non-Farm Plan (RNFP) drawing on the Environmental Farm Plan (EFP) model as well as others developed in Ontario and beyond. Input on the What, Who, When and How will be welcomed!

Facilitator: **Steve Wilkins**
David Armitage, Ontario Farm Environmental Coalition
Jim Anderson, Ducks Unlimited
Stewardship Network as a Tool in Carolinian Canada
Michelle Kanter, Carolinian Canada

SIGNIFICANT WOODLANDS – "AREN'T THEY ALL?"
 MODERATOR: TREMAYNE STANTON-KENNEDY

The phrase 'significant woodland' carries a lot of baggage – not unlike 'natural heritage'. Some view it very narrowly or simplistically, while others argue for a more complex definition. In this session we will not so much define, as discuss, all the phrase could mean and maybe doesn't yet, in the work done to date, from regional to more local efforts.

Forest Cover Changes in Southern Ontario – Should Trends in Deforestation and Afforestation Influence Significant Woodland Evaluations?
Silvia Strobl, Ministry of Natural Resources
Methods & Rationale for Assigning Woodland Value at the Patch Scale for Consideration in Planning and Conservation in Eastern Ontario
Mark Rowsell, Eastern Ontario Model Forest
Habitat Gain and Population Recovery: Evidence from Forests and Fishers in Eastern Ontario
Bruce Pond, Ministry of Natural Resources

BRIDGING THE GAP: MENTORS AND MENTORING
 MODERATOR: PAM LAMBA

How has your life been impacted by positive mentoring relationships? Join us as we introduce mentoring and how to develop these mutually beneficial opportunities in your workplace. Mentors and their mentees will share their experiences that have enriched them professionally and personally. Two speakers will share their unique experiences having Arthur Latornell as their mentor. Be prepared to be inspired to become a mentor or find a mentor!

Facilitation: **Clare Mitchell**
To Mentor or Not To Mentor, That is the Question?
Susan Richards, Nottawasaga Valley Conservation Authority
Keri Christensen, Lake Simcoe Region Conservation Authority
Mentoring Mid-sentence: An Unexpected but Welcomed Mentor/Mentee Relationship
Kim Gavine, Oak Ridges Moraine Foundation
Kate Potter, Oak Ridges Moraine Foundation/Conservation Authorities Moraine Coalition
The "Art" of Mentoring
Gord Baker,
Tom Prout, Ausable Bayfield Conservation Authority

SUSTAINABLE PLANNING	COMMUNITY STEWARDSHIP	RESOURCE MANAGEMENT (FORESTRY)	YOUNG CONSERVATIONISTS
W2D ROOM #10A	W2E ROOM #5	W2F ROOM #6	W2G ROOM #19

NEW PLANNING DIRECTIONS FOR ONTARIO: AN ASSESSMENT
 MODERATOR: ANDREA ZIETSMA

Participants in this panel discussion are well-known Ontarians with strong opinions regarding their province. A critical analysis of the provincial initiatives discussed in W1D will be the focus.

Has Ontario Laid the Foundations for Building Sustainable Urban Communities?
Mark S. Winfield, Pembina Institute for Sustainable Development
Recent Sustainable Planning Initiatives from the Government of Ontario
Glen Miller, Canadian Urban Institute
Ensuring a Competitive Land Supply and Sustainable Communities in Ontario
Neil Rodgers, Urban Development Institute

LOCAL STEWARDSHIP COLLABORATIONS THAT ACHIEVE RESULTS – HOW DO THEY DO IT?
 MODERATOR: ERIK ACS

This session will feature success stories of collaboration between stewardship planning and delivery agencies.

Making "Natural Connections" – Initiating Recovery Action of the Grand River Plains Tallgrass Communities
Rob Wallis, Ontario Stewardship, Ministry of Natural Resources
John Todd, National Wild Turkey Federation
Using Partnerships to Protect the Moraine
Kate Potter, Oak Ridges Moraine Foundation/Conservation Authorities Moraine Coalition

FOREST RESTORATION – ARE TODAY'S "SIGNIFICANT" FORESTS ENOUGH TO RESTORE TOMORROW'S FORESTS?
 MODERATOR: TREMAYNE STANTON-KENNEDY

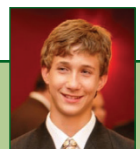
The focus of this session will be to work towards a broad scale reforestation initiative and seed sources. There is no substitute for healthy populations of native, locally adapted species as the basis for future forests. Local landowners and partners managing today's forests have a role in helping provide seed for tomorrow's forests.

True Confessions of a Seed Collector – What it Takes to Get the Seed to a Grower
Brian Swaile, Forever Green Consulting
True confessions of a Grower – Poor Seed & Weather and Customers Who Can't Plan Ahead
Ed Patchell, Ferguson Forest Centre
A New Program to Help Reforestation Partners Increase Planting Efforts on Private Land
Rob Keen, Trees Ontario Foundation
Tree Planting Agency **Rick Grillmayer**, Nottawasaga Valley Conservation Authority/Conservation Ontario

LESSONS FROM YCP–CDI
 MODERATOR: PAM LAMBA

Program participants in the Young Conservation Professionals Career Development Initiative in Ontario will share their experiences. This session will appeal to 'young' conservationists of all ages from a wide range of sectors in the conservation field looking to develop their leadership, management and partnership building skills.

Facilitators: **Kim Statham-Bray** and **Clare Mitchell**
How the Young Conservation Professional – Career Development Initiative has filled the gap in skills sets for Team Leader of The Outdoors Card Program at the Ministry of Natural Resources.
Heather Gowans, Ministry of Natural Resources
Mary McGrath, Citizens' Environment Watch
Kristie Virgoe, Kawartha Conservation



8:30 pm
 Keynote: Ryan Hreljac,
 Ryan's Well Foundation

Hospitality Suite
 (Rooms 1-2-3)
 9:30 - 12:00 am



DAY 2 THURSDAY, NOVEMBER 17, 2005

DAY TIMES

Registration
8:00 am

Concurrent Sessions
8:30 - 10:00 am

Break
10:00 - 10:30 pm

Concurrent Sessions
10:30 - 12:00 pm

WATERSHED MANAGEMENT	SOURCE WATER PROTECTION	NATURAL HERITAGE
T1A ROOM #15	T1B ROOM #16	T1C ROOM #4
<p>CLIMATE CHANGE AND ITS IMPACT ON WATERSHED PLANNING MODERATOR: PAM LAMBA</p> <p>This session looks at the potential impact of climate change on watershed conditions and examines how it will affect our approach to watershed planning.</p> <p>Climate Change and Its Impact on Watershed Planning Rick Findlay, Pollution Probe, Researchers Environmental Problems Rob de Loë, University of Guelph Aaron Berg, University of Guelph</p>	<p>AVAILABLE WATER RESOURCES DATA AND SOURCE WATER PROTECTION MODERATOR: SIMON STRAUSS</p> <p>Available data is critical to the success of source water protection planning. This session will explore local, provincial and federal efforts in making data available for the purposes of source water protection planning.</p> <p>Moving Beyond the Pilot Projects Glenda Rodgers, Trent Conservation Coalition Shan Mugalingham, Lower Trent Conservation Provincial Assistance to Source Water Protection Planning Scott Christilaw, Ministry of Natural Resources Frank Kenny, Land & Resource Cluster ResEau: Building Canadian Water Connections Chris Lochner, National Water Research Institute</p>	<p>LANDSCAPE SYSTEMS – PUTTING THE PIECES TOGETHER MODERATOR: ROSLYNN BRAIN</p> <p>Learn how leading initiatives are applying innovative approaches to landscape conservation.</p> <p>Applications of SOLRIS to Natural Heritage Planning Danijela Puric-Mladenovic, Ministry of Natural Resources Results and Applications of the Great Lakes Conservation Blueprint for Biodiversity Dan Kraus, Nature Conservancy of Canada Mike McMurty, Ministry of Natural Resources</p>
WATERSHED MANAGEMENT	SOURCE WATER PROTECTION	NATURAL HERITAGE
T2A ROOM #6	T2B ROOM #16	T2C ROOM #4
<p>EMERGENCY PLANNING FOR DAM MANAGEMENT MODERATOR: JENNY RIVERA</p> <p>As the <i>Lakes and Rivers Improvement Act</i> guidelines come into play for dam owners and municipalities, emergency preparedness becomes an important topic. This session will offer experiences and lessons learned.</p> <p>Emergency Planning for Conservation Authorities Naomi Moore, Grand River Conservation Authority Flood Inundation Mapping (FIM) Tool: Using GIS to Predict the Extent and Depth of Flood Waters Zoë Green, Grand River Conservation Authority Dam and Public Safety Program at OPG Tony Bennett, Ontario Power Generation Canadian Dam Association Guidelines & Dam Safety Mona Bechai, MOBEC Engineering</p>	<p>SOURCE WATER PROTECTION RISK ASSESSMENT MODERATOR: SIMON STRAUSS</p> <p>Threat identification and risk assessment are key components to successful source water protection planning. The session will explore mechanisms that agencies have employed to assess ecological and health risks.</p> <p>Understanding the Broad Risk Assessment Framework Hugh Simpson, Ministry of Agriculture, Food & Rural Affairs A Provincial Framework for Risk Assessment – the State of Provincial Technical Guidance Ann Marie Weselan, Ministry of the Environment Risk Assessment and Management Case Studies Marg Misek-Evans, Oxford County/Ministry of the Environment</p>	<p>TOOLS AND TECHNIQUES MODERATOR: ROSLYNN BRAIN</p> <p>How did they do that? The latest conservation tools and techniques are highlighted in detail.</p> <p>The Gap Tool – A Key Analytical Tool for Conservation Planning Rob Davis, Ministry of Natural Resources Trees: Our Solution to Our Pollution John McNeil, Town of Oakville Landscape Connectivity to Selected Protected Areas: Overview of New Spatial Methods Marie-Josée Fortin, University of Toronto</p>



Pioneer Luncheon
Conservation Dome
12:00 - 2:00 pm
Master of Ceremonies Gayle Wood,
Lake Simcoe Region Conservation Authority

SUSTAINABLE PLANNING	COMMUNITY STEWARDSHIP	RESOURCE MANAGEMENT (FISHERIES)	ENVIRONMENTAL EDUCATION & COMM.
T1D ROOM #10	T1E ROOM #5	T1F ROOM #6	T1G ROOM #10A
<p>RESPONDING TO DEMOGRAPHIC REALITIES MODERATOR: CORINNE LATIMER</p> <p>Do we need to reinvent planning to accommodate changing population dynamics? Explore the new demographic reality in Ontario, and beyond, and consider the implications for traditional planning practices.</p> <p>Charles Jones, University of Toronto John Miron, University of Toronto</p>	<p>A NEW VISION FOR AGRICULTURE AND THE ENVIRONMENT MODERATOR: CECILIA FERREYRA</p> <p>Come explore the new visions for agriculture and the environment in Ontario.</p> <p>Harley Olsen, Prairie Farm Rehabilitation Administration, Agriculture and Agri-Food Canada Jim Wheeler, Ministry of Agriculture, Food and Rural Affairs Ron Bonnett, Ontario Federation of Agriculture</p>	<p>WATERSHED-BASED FISHERIES MANAGEMENT PLANNING MODERATOR: JENNY RIVERA</p> <p>This session will examine recent watershed-based fisheries management plans in Southern Ontario and the guidelines developed by the Ministry of Natural Resources, Conservation Ontario, Trout Unlimited Canada, Parks Canada, and Fisheries and Oceans Canada to support and implement these plans.</p> <p>Watershed-based Fisheries Management Plan Guideline: An Overview Brenda Koenig, Ministry of Natural Resources</p> <p>Credit River Fisheries Management Plan Bob Morris, Credit Valley Conservation</p> <p>Grand River Fisheries Management Plan Warren Yerex, Grand River Conservation Authority</p>	<p>RISK MANAGEMENT (FOR PROGRAMS) IN OUR NATURAL AREAS MODERATOR: DREW CRINKLAW</p> <p>Natural area programs: fun, educational, safe. "Due Diligence" is the answer to everything from health and safety to human rights. This session offers sample guidelines, policies and templates for your own use.</p> <p>Health and Safety Guidelines for Wetland Field Trips Merebeth Switzer, Ducks Unlimited Canada</p> <p>Field Trips – A Board of Education Perspective and "Informed Consent" Mark Whitcombe, Toronto District School Board</p> <p>Special Events – A Safety Planning Checklist Jim Hastings, Accent Safety Training and Consulting</p> <p>Hazard Trees, Trails and Education Programming: Implementing Recent Inquest Recommendations Barb McKean, Royal Botanical Gardens</p>

SUSTAINABLE PLANNING	COMMUNITY STEWARDSHIP	RESOURCE MANAGEMENT (FISHERIES)	ENVIRONMENTAL EDUCATION & COMM.
T2D ROOM #10	T2E ROOM #5	T2F ROOM #15	T2G ROOMS #1,2,3
<p>PRINCIPLES OF SUSTAINABLE PLANNING MODERATOR: CORINNE LATIMER</p> <p>Planetary? Precautionary? Visionary? Can planning lead us to think globally and act locally? In this session, participants will examine and discuss the most effective principles for sustainable planning and development.</p> <p>New Directions – Planning Policy and Community Design Ron Palmer, The Planning Partnerships, Mark Schollen, Schollen & Co. International Virginia McLaren, University of Toronto</p>	<p>FROM VISION TO ACTION: NEW AGRI-ENVIRONMENTAL TOOLS MODERATOR: CECILIA FERREYRA</p> <p>Discover some of the new tools and funding programs available to landowners and agencies.</p> <p>Introduction Brent Kennedy, Ministry of Agriculture, Food and Rural Affairs</p> <p>Maxine Kingston, Prairie Farm Rehabilitation Administration, Agriculture and Agri-Food Canada</p> <p>The 3rd Edition Environmental Farm Plan Hugh Smith, Ministry of Agriculture, Food and Rural Affairs</p> <p>Canada-Ontario Farm Stewardship Program, Greencover Canada Program, Canada-Ontario Water Supply Enhancement Program Andy Graham, Ontario Soil and Crop Improvement Association</p> <p>A Farm Perspective Jackie Fraser, AGCare</p>	<p>TOOLS FOR MANAGING THE IMPACTS FROM ALTERATIONS IN WATER SUPPLY TO STREAM SYSTEMS MODERATOR: PAM LAMBA</p> <p>A synopsis of the most recent analysis tools will be presented to demonstrate their applicability in predicting impacts on fish, temperature, habitat, discharge and invertebrates from various disturbances.</p> <p>Tools for Managing the Impacts from Alterations in the Watershed to Stream Systems Les Stanfield, Ministry of Natural Resources</p> <p>Demonstration of a GIS Application Debbie Irvine-Alger, Ministry of Natural Resources</p> <p>Challenges and Solutions Associated with Agencies Using Different Stream Benthic Sampling Protocols Bruce Kilgour, Stantec Consulting</p> <p>Using Numerical Groundwater Modeling Steve Holysh, Conservation Authorities/Oak Ridges Moraine Coalition</p>	<p>ENVIRONMENTAL EDUCATION EXPO MODERATOR: TREMAYNE STANTON-KENNEDY</p> <p>Calling all Environmental Educators</p> <p>A one-stop shopping session to discuss and network with over 30 environmental education groups. This interactive session is "one of a kind" and will provide resources to include in your educational program.</p> <p>Check out the displays – all Symposium delegates are welcome during coffee breaks.</p> <p>You will come away with ideas, resources and contacts that you can use.</p>

DAY 2 THURSDAY, NOVEMBER 17, 2005

DAY TIMES

WATERSHED MANAGEMENT

SOURCE WATER PROTECTION

NATURAL HERITAGE

T3A ROOM #15

T3B ROOM #16

T3C ROOM #4

Concurrent Sessions
2:00 - 3:30 pm

INCORPORATING AMENDED GENERIC REGULATION INTO LAND AND WATER MANAGEMENT
MODERATOR: CHRIS GIBB

LINKING ENVIRONMENTAL AND PUBLIC HEALTH
MODERATOR: DREW CRINKLAW

CASE STUDIES
MODERATOR: ALISON QUA-ENOO

This session will look at the significant impact of the new regulations on Ontario watershed management and examines a case study of one Conservation Authority's approach to integrating the amended regulations.

Necessity is the Mother of Invention – Innovative Methods for Regulation Limit Mapping

Perry Sisson, Central Lake Ontario Conservation Authority

Don Greer, Ministry of Natural Resources/Otonabee Conservation

Mark Paoli, Wellington County

This session will explore the linkages between the state of the environment, with a focus on water quality and the protection of human health. The session will draw on insight and experience from both the medical and research communities.

Water Safety: The Highs and Lows

Murray McQuigge, Public Health Consulting

From Source to Tap: Drinking Water and Human Health

Michèle Giddings, Health Canada

Health Care and Source Water Protection – a Model for Sustainable Health Care in Ontario

John Howard, London Health Sciences Centre

Conservation organizations highlight successful natural heritage initiatives—leading by example.

The Frontenac Arch

Jeff Leggo, Parks Canada

Halton Natural Areas Inventory – A Case Study of Successful Partnerships in Environmental Planning

Brenda Axon, Conservation Halton

City of Brampton Valley Land Renaturalization Planting Program: A Case Study of Conservation Partnerships

Werner Kuemmling, City of Brampton

Susan Jorgenson, Credit Valley Conservation

Break
3:30 - 4:00 pm
Exhibitor's Gallery

Conservation Dome - Cash Bar starting at 4 pm

Interactive - Student Posters
Conservation Dome
4:00 - 5:30 pm
Master of Ceremonies,
Stewart Hilts, University of Guelph

STUDENT POSTERS PRESENTERS

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 innovation 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. A special judging of the student posters by Symposium delegates will take place starting at 4 p.m. in the Conservation Dome.

Hida Manns, Watershed Ecosystems Graduate Program, Trent University, Surface Crop Residue Benefits Soil Moisture and Carbon

Suzanne Young, School of Environmental Design and Rural Development, University of Guelph, Research Title: Implementing Wellhead Protection: A Multiple Case Study

Anthony Maas, School of Planning, Faculty of Environmental Studies, University of Waterloo, Governance and Water Allocation in Ontario: In Search of Ecological Rationality

Claire Milloy, Department of Civil Engineering, Queen's University, Groundwater Recharge in the Gneissic-Marble Terrain Underlying the Central Part of the Tay River Watershed, Ontario, Canada

Nancy Goucher, School of Planning, Faculty of Environmental Studies, University of Waterloo, What Do Conservation Authorities Have Under Their Sleeves to Help Them Adapt to Change?

4:00 - 7:00 pm
Dream Auction
Conservation Dome

6:30 - 9:30 pm
Banquet - Dream Auction

7:30 - Student Poster Winner Announcement
Don Pearson,
Conservation Ontario

8:00 - Live Auction
Auctioneer Don McKay

SUSTAINABLE PLANNING	COMMUNITY STEWARDSHIP	RESOURCE MANAGEMENT (FISHERIES)	ENVIRONMENTAL EDUCATION & COMM.
T3D ROOM #10	T3E ROOM #5	T3F ROOM #6	T3G ROOM #10A
<p>MEASURING SUCCESS MODERATOR: ANDREA ZIETSMA</p> <p>How can we measure the path towards sustainability? Setting targets and determining trends and conditions as a result of policies and practices is an emerging field of research and analysis which is being incorporated by some organizations. This session explores three case studies.</p> <p>Community Actions and Attitudes, Can We Really Have Sustainable Growth? Judi Brouse, Muskoka Watershed Council</p> <p>Monitoring the Moraine: Engaging and Sustaining Community Volunteers in Citizen Science, Stewardship and Decision-making on the Oak Ridges Moraine Sonia Dong, Citizens' Environmental Watch</p> <p>Gary Wilkins, Toronto Region Conservation Authority</p>	<p>MAKING PROGRESS: AGRI-ENVIRONMENTAL SCIENCE AND RESEARCH MODERATOR: ALICIA EVANS</p> <p>Learn how agri-environmental science and research are creating new approaches and tracking progress in Ontario.</p> <p>An overview of the National Agri-environmental Health Analysis & Reporting Program with a Focus on the Indicator of Risk of Water Contamination by Nitrate (IROWC-N) Craig Drury, Agriculture and Agri-Food Canada,</p> <p>Watershed Evaluation of Beneficial Management Practices (WEBs) in the South Nation River Watershed Ronda Boutz, South Nation Conservation</p> <p>Ontario's Agri-Environmental Scan Chris Duke, Ministry of Agriculture, Food and Rural Affairs</p>	<p>ONTARIO'S FISH HABITAT MANAGEMENT PROGRAM – WORKING WITH CHANGE. MODERATOR: ERIK ACS</p> <p>In April of this year, Fisheries and Oceans Canada (DFO) announced national Departmental reorganization plans which included restructuring the DFO Fish Habitat Management Program. The current and evolving delivery mechanisms inspired in DFO's Central & Arctic Region by the reorganization will be discussed along with the direction that DFO sees habitat management, including enforcement, heading in Ontario in the years to come.</p> <p>National Initiatives Richard Wex, Fisheries and Oceans Canada</p> <p>On the Ground Running Karen Ralph, Fisheries and Oceans Canada</p>	<p>GREAT EXPECTATIONS – AN OUTCOMES APPROACH TO REACHING YOUR TARGET AUDIENCE MODERATOR: MADISON SAUNDERS</p> <p>Increasingly, funders and managers in the not-for-profit sector are expecting to see all programs, including communication and education programs, adopt an outcomes-based approach to their planning and evaluation. No longer is it acceptable to simply show evidence of activities; now you must show evidence of the differences those activities have made in your programs and in your communities. In this session, we will examine the increasing need for outcomes-based communication planning, present some of the most recent research in the area and offer tips and techniques for helping you plan and evaluate your communication and education programs.</p> <p>Great Expectations – An Outcomes Approach to Reaching Your Target Audience Robb MacDonald, Maccomm Communications International Inc.</p> <p>John Thompson, John Thompson Consulting</p>

Ryan Bullock, Geography and Environmental Studies, Wilfrid Laurier University, Defining A Role for Community Forestry in Source Water Protection: A case from the Arrow Creek watershed, Creston, British Columbia

Nick Mocan, Water Resources Engineering, University of Guelph, Dam Break Analysis of Woolwich Dam

Sarah Watts, Water Resources Engineering, University of Guelph, Application of a GIS-Based Hydrological Model to Three Watersheds in Southern Ontario

Titia Praamsma, Department of Civil Engineering, Queen's University, Groundwater-Surface Water Interaction in a Fractured Bedrock Environment, Perth, Ontario

Andrea Zietsma, School of Environmental Design and Rural Development, University of Guelph, A Preserved Countryside or a New City Scape? The Potential Impacts of the Greenbelt Act on the Waterloo Region

Beth Gilbert, Watershed Ecosystems Graduate Program, Trent University, Using the Reference Condition Approach to Assess the Effects of Environmental Stressors on The Benthic Macroinvertebrates Community Structure of Precambrian Shield Headwater Streams

Chelsea Stewart and Jennifer Loo, Department of Geography, University of Toronto, Ecological Footprint Analysis of the University of Toronto at Mississauga

Jessica Paterson, School of Environmental Design and Rural Development, University of Guelph, Collaborative Management: A Framework for Source Water Protection in the Maitland Valley Watershed, Ontario

Melissa Prout, School of Resource and Environmental Studies, Dalhousie University, Economic Valuation of Wetlands: A Tool for Community Outreach and Decision-Making

Kate Thomas, Department of Population Medicine, University of Guelph, A Role of High Impact Weather Events in Waterborne Disease Outbreaks in Canada, 1975-2001



8:30 pm
Comedian/Hypnotist,
Mike Mandel

9:30 - 12:00 am
Hospitality Suite
(Rooms 1-2-3)

DAY 3 FRIDAY, NOVEMBER 18, 2005

DAY TIMES

Registration
8:00 am

Breakfast
Conservation Dome

A New Vision for Agriculture and the Environment
Ron Bonnett, Ontario Federation of Agriculture
7:00 am

Concurrent Sessions
8:30 - 10:00 am

WATERSHED MANAGEMENT	SOURCE WATER PROTECTION	NATURAL HERITAGE
F1A ROOM #10A	F1B ROOM #16	F1C ROOM #10
<p>WATERSHED MANAGEMENT AND THE GREAT LAKES (PART 1 OF 2) MODERATOR: CHRIS GIBB</p> <p>This session will look at governance in the Great Lakes watershed and the drive towards incorporating a watershed approach into Great Lakes Management; integrated examples will be presented.</p> <p>Role of Watersheds in the Future of Great Lakes Management: a Binational Perspective Gail Krantzberg, McMaster University</p> <p>Canada – Ontario Agreement Respecting the Great Lakes Basin Ecosystem (COA) – Objectives, Implementation, Partnerships, Watershed Initiatives and the review of the current COA agreement (2002/07) Ed Paleczny, Ministry of Natural Resources</p> <p>A Join Strategic Plan for Management of Great Lakes Fisheries: Cooperation at it's Best! David McLeish, Ministry of Natural Resources</p>	<p>PARTNERS IN PROTECTING ONTARIO'S DRINKING WATER MODERATOR: CECILIA FERREYRA</p> <p>All watershed stakeholders are owners of the source protection plans. Roles of stakeholders in source water protection planning and implementation will be addressed in this workshop through a panel discussion of key watershed stakeholders.</p> <p>Water Quality and Protection in First Nations Communities Erin Wolski, Assembly of First Nations</p> <p>The Plan of the Budget: Which Comes First in Source Water Protection Elbert van Donkersgoed, Christian Farmers Federation</p> <p>Source Water Protection and the Rural Community Pat Smith, The Ontario Rural Council</p>	<p>ECONOMIC AND NON-TRADITIONAL VALUES OF NATURAL HERITAGE MODERATOR: SIMON STRAUSS</p> <p>How much is it worth? Leading experts provide insight on valuing natural heritage.</p> <p>Moving the Net Gain Principle Closer to Implementation in a Local Watershed Erik Veldman, Pollution Probe</p> <p>Gary Bowen, Toronto and Region Conservation Authority</p> <p>The Psychological Benefits of Trees Mike Rosen, Tree Canada Foundation</p> <p>Understanding the Value of Natural Capital Yves Bourassa, Environment Canada</p>

Break
10:00 - 10:30 am

Concurrent Sessions
10:30 - 12:00 pm

WATERSHED MANAGEMENT	SOURCE WATER PROTECTION	NATURAL HERITAGE
F2A ROOM #10A	F2B ROOM #16	F2C ROOM #10
<p>WATERSHED MANAGEMENT AND THE GREAT LAKES (PART 2 OF 2) MODERATOR: CHRIS GIBB</p> <p>This session will look at governance in the Great Lakes watershed and the drive towards incorporating a watershed approach into Great Lakes Management; integrated examples will be presented.</p> <p>Physical Integrity – Linking Landscapes to the Lakes Scudder D. Mackey, Habitat Solutions</p> <p>The Role of Healthy Watersheds in the Management of Lake Erie Sandra George, Environment Canada</p> <p>Why Watersheds Matter to Hamilton Harbour John Hall, Conservation Halton</p>	<p>REGULATORY LINKAGES AROUND SOURCE WATER PROTECTION MODERATOR: CECILIA FERREYRA</p> <p>In the past year, a number of new regulations have been implemented across the province. The implications of, and linkages between, source water protection on various regulations will be explored.</p> <p>Water Taking in Ontario – Linkages between Source Water Protection & the Permit to Take Water Program Stephen Maude, Ministry of the Environment</p> <p>Tools for Farmers – Linkages Between Source Water Protection and the Nutrient Management Act Mary-Jane Conboy, Ontario Federation of Agriculture</p> <p>The Fisheries Act: Linkages to Provincial Legislation Karen Ralph, Fisheries and Oceans Canada</p>	<p>INVASIVE SPECIES: IS PREVENTION POSSIBLE? MODERATOR: SIMON STRAUSS</p> <p>This session will review current actions taken at national, regional and local levels to prevent, control and manage the invasive species threat.</p> <p>Canada's National Alien Invasive Species Strategy Beth MacNeil, Environment Canada</p> <p>Public Outreach, Spreading the Word, Not the Species Francine MacDonald, Ontario Federation of Anglers and Hunters</p> <p>Rapid Response to Invasive Species Infestations: Lessons Learned in Ontario Peter DeGroot, Natural Resources Canada</p>

12:00 - 1:00 pm
Lunch and Wrap Up
Conservation Dome



Guest Speaker: **Gord Miller**,
Environmental Commissioner
of Ontario

SUSTAINABLE PLANNING	COMMUNITY STEWARDSHIP	RESOURCE MANAGEMENT (PARKS)	INFORMATION TECHNOLOGY
F1D ROOM #4	F1E ROOM #5	F1F ROOM #6	F1G ROOM #15
<p>FROM PRINCIPLES TO PRACTICE (PART 1 OF 2) MODERATOR: CORINNE LATIMER</p> <p>This interactive session will examine how we can translate the principles of sustainability into planning practice.</p> <p>Don Houston, Smart Commute</p> <p>Steven Carpenter, Enermodal Engineering</p> <p>Nina-Marie Lister, Ryerson University</p> <p>Sustainable Communities – What Will it Take? A Practitioner's Perspective Greg Allen, Sustainable Edge</p> <p>Kevin Eby, Regional Municipality of Waterloo</p>	<p>PROBLEM WILDLIFE – STRATEGY TO ACTION MODERATOR: DREW CRINKLAW</p> <p>This session will provide a look at issues associated with the new provincial Nuisance Wildlife Strategy as well as look at case studies of successful management approaches.</p> <p>An Emerging Wildlife Strategy Michael Gatt, Ministry of Natural Resources</p> <p>The Farmer Perspective Nancy Tilt, Ontario Soil and Crop Improvement Association</p> <p>Community Initiatives Dave Pridham, Ontario Stewardship, Ministry of Natural Resources</p>	<p>BORDER PATROL MODERATOR: JENNY RIVERA</p> <p>This session will focus on recognizing and dealing with the issue of encroachment within recreational and natural areas.</p> <p>Designing an Encroachment Deterrent Program that Works! Teresa Hollingsworth, Upper Thames River Conservation Authority</p> <p>A Few Bad Apples: Issues of Unauthorized Uses on the Bruce Trail Alison Watt, Bruce Trail Association</p> <p>Encroachments to Protected Areas Mark Shoreman, Ministry of Natural Resources</p>	<p>ALL THINGS ARC HYDRO MODERATOR: ROSLYNN BRAIN</p> <p>Water resource projects cover watersheds, make use of several sources of data, and involve complicated hydrologic and hydraulic models. This session demonstrates current efforts using the Arc Hydro data model.</p> <p>Provincial Base Data Development Required to Support Arc Hydro Implementation Junlin Zhao, Ministry of Natural Resources</p> <p>Kent Todd, Ministry of Natural Resources</p> <p>Bryce Matthews, Ministry of Natural Resources</p> <p>Geodatabase: A Foundation Fosters Communication Peng Du, Lake Simcoe Region Conservation Authority</p> <p>A 1:2,000 scale Arc Hydro Implementation on 12 Mile Creek Geoffrey Verkade, Niagara Peninsula Conservaiton Authority</p> <p>Extending Arc Hydro to Support Hydrology and Modelling Needs of Conservation Authorities Hendrick Amo, Toronto & Region Conservation Authority</p>

SUSTAINABLE PLANNING	COMMUNITY STEWARDSHIP	RESOURCE MANAGEMENT (PARKS)	INFORMATION TECHNOLOGY
F2D ROOM #4	F2E ROOM #5	F2F ROOM #6	F2G ROOM #15
<p>FROM PRINCIPLES TO PRACTICE (PART 2 OF 2) MODERATOR: CORINNE LATIMER</p> <p>How can sustainability be achieved given conflicting economic, social and environmental interests? What are the pitfalls and prospects? Join an interactive debate with decision makers.</p> <p>Obstacles to Sustainable Planning: Challenging the Growth Machines in Hamilton Brian McHattie, City of Hamilton</p> <p>Sustainable Development – Moving from Theory to Reality Steve Parish, Town of Ajax</p> <p>Alan Elgar, Town of Oakville</p>	<p>THE FUTURE OF FARMING IN ONTARIO MODERATOR: DREW CRINKLAW</p> <p>Hear perspectives on economic, social, competitive, and environmental challenges and risks facing Ontario's farmers.</p> <p>Different Roles of Government Relative to Agriculture: The Roles of the Farmer in Agriculture's Political Scene; and the Value-Added Aspects of Modern Agriculture, Bringing Everything Together in the Context of Establishing a Canadian Farm Bill Paul Misteale, Ontario Federation of Agriculture</p> <p>There is Always a Farm Crisis: Implications for Conservation Elbert van Donkersgoed, Christian Farmers Federation of Ontario</p> <p>Stewart Hilts, University of Guelph, Ontario Farmland Trust</p>	<p>THE CHALLENGES OF PROVIDING SAFE DRINKING WATER IN PARKS MODERATOR: JENNY RIVERA</p> <p>This session will examine small and large drinking water system issues including training opportunities, emerging regulation issues and lessons learned.</p> <p>The Walkerton Clean Water Centre Presence of Pharmaceuticals and Pesticides in Detroit River Water and the Effect of Ozone on Removal Saad Jasim, Walkerton Clean Water Centre</p>	<p>PRACTICAL INFORMATION MANAGEMENT IN SUPPORT OF SOURCE WATER PROTECTION MODERATOR: ROSLYNN BRAIN</p> <p>Successful source water protection planning will depend on significant amounts of data and information being shared between different agencies and groups. This session explores local, provincial and federal Information Management efforts in support of source water protection.</p> <p>Information Management Architecture: A Required Tool to Support Source Water Protection Planning Anne Trudell, Ministry of Natural Resources</p> <p>Southern Ontario Land Resource Information System (SOLRIS) Richard Mussakowski, Ministry of Natural Resources</p> <p>Current Applications applicable to SWP: Wetland Rehabilitation Methodology and Protocol Adam Hogg, Ministry of Natural Resources John Gaiot, Ministry of Natural Resources</p> <p>Management of Remote Sensing Data Ian Smyth, Ministry of Natural Resources Mike Robertson, Ministry of Natural Resources</p>

CONSERVATION 2005

PIONEER AWARDS

This award is designed to recognize individuals who 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. 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.

DON LOBB

Nominating Organization:
Soil and Water Conservation Society - Ontario Chapter,
Ausable-Bayfield Conservation Authority and Maitland Valley Conservation Authority



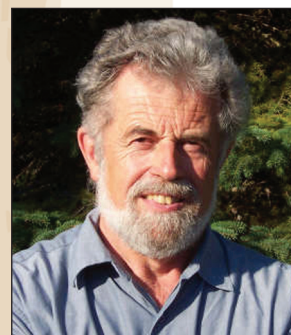
DR. GRAY MERRIAM

Nominating Organization:
Frontenac Stewardship Council,
Ministry of Natural Resources



DR. DAVID PEARSON

Nominating Organization:
Nickel District Conservation Authority



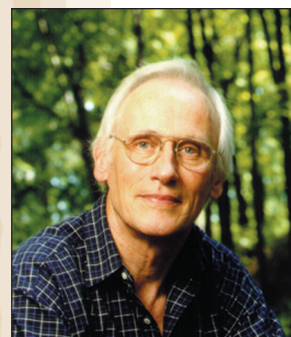
DR. ANTHONY SMITH

Nominating Organization:
Grand River Conservation Authority



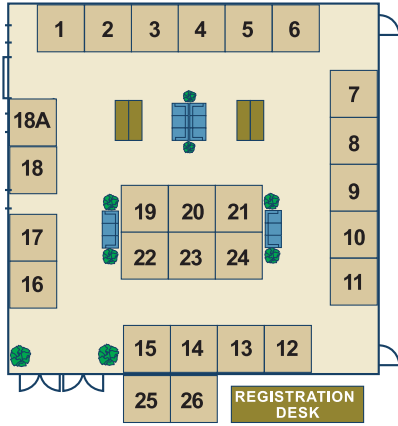
BEN VANDERBRUG

Nominating Organization:
Hamilton Region Conservation Authority



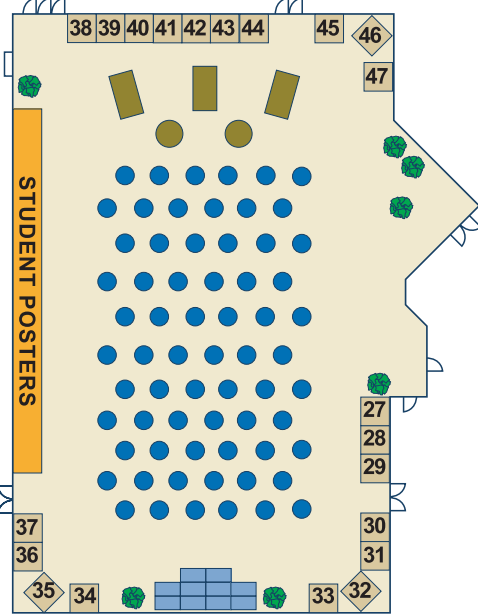
CONFERENCE EXHIBITORS

EXHIBITOR'S GALLERY

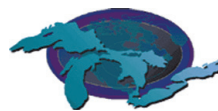


1. Hanson Pipe & Products
2. Phillips Engineering
3. Water's Edge
4. Campbell Scientific
5. Ministry of Agriculture, Food and Rural Affairs
6. EarthFX
7. Ministry of Natural Resources - SOLRIS Project
8. Ministry of Natural Resources
9. Ministry of Natural Resources
10. Ministry of Natural Resources
11. WESA - Water and Earth Science Associates
12. Well Busters
13. Hoskin Scientific
14. Ontario Ministry of Northern Development and Mines
15. Eagle Mapping
16. Waterloo Hydrogeologic
17. First Base Solutions
18. ESRI Canada
- 18A. Ministry of the Environment
19. Rom Communication
20. Aggregate Producers' Association of Ontario
21. Ontario Federation of Agriculture
22. Golder Associates Ltd.
23. Totten Sims Hubicki Associates
24. Trees Ontario Foundation/Natural Spaces Program
25. Telus
26. Conservation Ontario

CONSERVATION DOME



27. CCIARN - Canadian Climate Impacts and Adaptation Research Network
28. Ecomedic Ecosystem Restoration Services
29. Great Lakes Sustainability Fund - Environment Canada
30. Canadian Water Resources Association
31. Ridgetown College/University of Guelph
32. Conservation Ontario
33. Conservation Ontario
34. Niagara Peninsula Conservation Authority
35. Ministry of Natural Resources - Ontario Parks
36. Ministry of Natural Resources
37. Fisheries and Oceans Canada
38. Ontario Federation of Anglers and Hunters
39. Ontario Federation of Anglers and Hunters
40. Environmental Commissioners Office of Ontario
41. Ontario Wetland Habitat Fund
42. Ducks Unlimited Canada
43. Belmont Rose Granite
44. Niagara Region
45. Project Management Productivity Solutions
46. AG Care
47. Municipal Health and Safety Association



NOTTAWASAGA INN FLOOR PLAN

FOR THE A.D.LATORNELL SYMPOSIUM

The A.D. Latornell Conservation Symposium Steering Committee also wishes to acknowledge and thank the 2005 Student Moderators who are assisting with the facilitation of the Concurrent Sessions:

Main Floor



Convention Centre (lower level)



* Refreshment Station

SESSION	ROOM	MODERATOR	SESSION	ROOM	MODERATOR	SESSION	ROOM	MODERATOR
W1A	10	Alicia Evans	T1A	15	Pam Lamba	F1A	10A	Chris Gibb
W1B	16	Alison Qua-Enoo	T1B	16	Simon Strauss	F1B	16	Cecilia Ferreyra
W1C	4	Madison Saunders	T1C	4	Roslynn Brain	F1C	10	Simon Strauss
W1D	10A	Andrea Zietsma	T1D	10	Corinne Latimer	F1D	4	Corinne Latimer
W1E	5	Erik Acs	T1E	5	Cecilia Ferreyra	F1E	5	Drew Crinklaw
W1F	6	Tremayne Stanton-Kennedy	T1F	6	Jenny Rivera	F1F	6	Jenny Rivera
W1G	19	Pam Lamba	T1G	10A	Drew Crinklaw	F1G	15	Roslynn Brain
W2A	4	Madison Saunders	T2A	6	Jenny Rivera	F2A	10A	Chris Gibb
W2B	16	Alison Qua-Enoo	T2B	16	Simon Strauss	F2B	16	Cecilia Ferreyra
W2C	10	Alicia Evans	T2C	4	Roslynn Brain	F2C	10	Simon Strauss
W2D	10a	Andrea Zietsma	T2D	10	Corinne Latimer	F2D	4	Corinne Latimer
W2E	5	Erik Acs	T2E	5	Cecilia Ferreyra	F2E	5	Drew Crinklaw
W2F	6	Tremayne Stanton-Kennedy	T2F	15	Pam Lamba	F2F	6	Jenny Rivera
W2G	19	Pam Lamba	T2G	1,2,3	Tremayne Stanton-Kennedy	F2G	15	Roslynn Brain
			T3A	15	Chris Gibb			
			T3B	16	Drew Crinklaw			
			T3C	4	Alison Qua-Enoo			
			T3D	10	Andrea Zietsma			
			T3E	5	Alicia Evans			
			T3F	6	Erik Acs			
			T3G	10A	Madison Saunders			