



A.D. LATORNELL
CONSERVATION SYMPOSIUM

November 16 – 18, 2011
Nottawasaga Inn, Alliston, ON

2011 Water

The Future of the Source



UNIVERSITY
of GUELPH

— 2011 —
PROGRAM

Conference Management

Chair: **Jennifer Howley**, *Upper Thames River Conservation Authority*
 Vice Chair: **Deborah Martin-Downs**, *Toronto and Region Conservation Authority*
 Symposium Coordinator: **Ken Anderson**, *Allset Inc.*
 Assistant Symposium Coordinator: **Mario Maillet**, *Allset Inc.*
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John Cottrill , <i>Grey Sauble Conservation</i>	Matt Setzkorn , <i>University of Guelph</i>
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Jessica Isaac , <i>Environmental Commissioner of Ontario</i>	Doug Van Hemessen , <i>Ministry of Natural Resources</i>
John Lackey , <i>Soil and Water Conservation Society - Ontario Chapter</i>	Stephanie Walker , <i>Ducks Unlimited Canada</i>
Pamela Lamba , <i>Ministry of the Environment</i>	Christine Zimmer , <i>Credit Valley Conservation</i>
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Fisheries and Oceans
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Welcome - Chair's Message



I would like to take this opportunity to welcome the delegates, speakers, exhibitors and sponsors to the 2011 A.D. Latornell Conservation Symposium. This Symposium began in 1994 as a forum for students, professionals, practitioners, politicians and non governmental agencies to discuss the various challenges and opportunities with respect to the conservation movement in Ontario. Eighteen years later the conference continues to offer the same great opportunities for networking and learning.

This year's Symposium will focus on Water – the Future of the Source. So much of what we do on a daily basis relies on this precious resource and we need to be more cognoscente of its future. The 18th Annual A.D. Latornell Conservation Symposium looks at the current state of water in Ontario and attempts to forecast the quality and quantity of our water resources (subject to various stressors) that will be available in the upcoming years. A variety of perspectives will be used throughout the presentations to assist with the understanding of water's future in relation to climate change, future demands, relationships of natural and built infrastructure, human health, and water management.

This year, we are fortunate to have the RBC as our primary partner. RBC is an important supporter for the Latornell Symposium because they clearly understand the importance of protecting water sources for the future. Under their Blue Water Project, RBC has committed to provide \$50 million in charitable grants to not-for-profit organizations that protect watersheds and provide or ensure access to clean drinking water. Since 2007, RBC has pledged more than \$20 million to more than 200 organizations worldwide. RBC also 'walks the talk' promoting responsible and sustainable water use in-house implementing practices and education programs that reduce their own corporate water footprint. As well, RBC has taken an important business and global leadership role and we support them to the involvement of other corporations here in Canada and around the world to help protect the world's freshwater.

As the Chair of this committee I am fortunate enough to work with a dedicated group of people with a common goal – offering you the best conference possible! With this being my final term in this role, I would like to take the opportunity to thank the Steering Committee for their hard work in planning and implementing the Symposium! As you all know, it isn't an easy task but when we all work together the hard work really pays off – and this year will be no different!

I am excited about the next three days and hope that you enjoy it just as much!

Yours in conservation,

Jennifer Howley, Chair
18th Annual A.D. Latornell Symposium Steering Committee

A.D. Latornell Conservation Symposium



Conservation Ontario and the Centre for Land and Water Stewardship, University of Guelph are pleased to co-host the 18th annual A.D. Latornell Conservation Symposium.

The Symposium has grown in popularity and become one of Ontario's largest annual conferences focusing on environmental and conservation issues. The A.D. Latornell Conservation Symposium provides a venue for policy-makers, practitioners, decision-makers, and other committed individuals and agencies

to meet, network, share ideas and promote partnerships for the betterment of Ontario's environment.

This popular event is named after Arthur Douglas Latornell, an important conservationist who was dedicated to the grassroots conservation movement in Southern Ontario. He helped to shape the future of conservation in Ontario by being a valued mentor to many young people who have devoted the majority of their lives to the conservation field. Arthur Latornell was also an enthusiastic promoter of Conservation Authorities.



A.D. Latornell Logo

The A.D. Latornell logo was designed to represent the significant aspects of Arthur Latornell's life and legacy. 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.





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A.D. Latornell Award of Merit



Each year, the Ontario Chapter of the Soil and Water Conservation Society (SWCS) presents the A.D. Latornell Award of Merit to a Practitioner and a Student who exemplify ways to foster the science and art of soil, water and related natural resources in order to achieve sustainability by promoting and practicing an ethic which recognizes the interdependence between people and their environment.

Winners of this award receive a full year membership to SWCS, a cash award of \$600 and one day sponsorship to the A.D. Latornell Conservation Symposium.

This year's successful candidates include:

Student Category

Ms. Sonja Teichert, Ph.D., *Candidate, Biology, University of Western Ontario*

Sonja gained her Bachelor of Science Degree in Zoology from the University of Western in 1994 and subsequently received her Masters of Science from Acadia University in 2008. This has led Sonja to go on further in her studies and is currently enrolled in the University of Western Ontario's Environmental and Sustainability Collaborative doctorate programme. This enrichment programme has allowed Sonja to undertake research in a multitude of soil and water conservation matters. She is currently focusing her work on Community Based Monitoring (CBM) in freshwater ecosystems. Her interest in this field has been developed over the past several years and her working experience with CBM projects and stewardship activities managed by various Conservation Authorities throughout the Province. Sonja's ultimate goal is to contribute to Canada's on-going conservation work through the role as a professor and/or working with non-profit/non-government groups.

Mr. William Trenouth, B.Sc., *Environmental Sciences, University of Guelph*

William completed his undergraduate degree in 2008 at the University of Guelph gaining a B. Sc. in Environmental Sciences. At present "Bill" is enrolled in the Master of Applied Science (Engineering) programme completing his second year. In growing up in rural south-western Ontario his early education identified the importance in natural soil fertility and water quantity/quality processes. His youth centered on protection and restoration, carrying through to his formal education at the University and his volunteer activities. He has worked closely with the St. Clair Region Conservation Authority on the rehabilitation and review of drainage works and as an interpreter for species at risk with the Ministry of Natural Resources. He has chaired environmental symposiums; conducted sediment and erosion control workshops, undertaken field research for IAGLR and is currently Secretary of the A.D. Latornell Committee. His goal is to apply his educational tools and experience to development and implement effective soil and water conservation and protection measures.

Non-Student Category

Harold O. Schroeter, Ph.D., P. Eng., *(Simcoe, Ontario)*

Dr. Schroeter is currently self-employed and President of Schroeter & Associates, a water resources consulting and natural science based research firm. Harold has been in this position for over twenty years. His efforts to study, analyze and improve the environment has been recognized this year by SWCS, Ontario Chapter and rewarded with the A.D. Latornell Award of Merit in the non-student category. Harold received his Bachelor of Applied Science Degree from the University of Waterloo in 1981 and his Masters Degree in 1983 from Queens University.

From there he undertook and received his Doctorate from the University of Guelph in 1989. As an environmental professional for 30 years his passion for scientific knowledge and innovation have led Dr. Schroeter to develop numerous tools and models to assist in understanding many natural earth science processes. He is well known for his love of teaching and he brings his enthusiasm for the environment and sciences into the classroom for young environmentalists.

Dr. Schroeter's professional record is captured in various earth science related projects, initiatives and teaching programmes which involve lectures, hands-on-exercises, watershed tours, interactive coaching and technical support. His zest for the environment and teaching is infused with a passion for people and his unselfish dedication to working side-by-side with soil and water conservation-minded partners. The SWCS Committee congratulates Dr. Schroeter on his outstanding career and looks for Harold to successfully continue his efforts based on his guiding principle, "Did we achieve balance between community and environmental needs?"

2011 Program at a Glance

Wednesday, November 16, 2011

8:00 AM – 10:00 AM	Registration
10:00 AM – 10:30 AM	Welcome and Introductions Jennifer Howley, Symposium Chair and Master of Ceremonies Honourable Michael Gravelle, Minister of Natural Resources (<i>Invited</i>) Dick Hibma, Chair of Conservation Ontario
10:30 AM – 12 NOON	Opening Plenary Session <i>Keynote Speakers</i> Charles Fishman, Journalist and Author, <i>The Big Thirst</i> Rob de Loë, Research Chair, Water Policy & Governance, University of Waterloo
12 NOON - 1:45 PM	Luncheon <i>Luncheon Guest Speaker</i> Doug McKenzie-Mohr, Pioneer & Leader in Social Marketing
2:00 PM – 3:30 PM	Concurrent Sessions W1A: Making the Case for Wetland Conservation & Restoration in Watersheds W1B: Sources at Risk? W1C: Water as Biodiversity W1D: Special Workshop (Part 1): Fostering Sustainable Behaviour W1E: Food and Stewardship W1F: The Future of Ontario's Forests W1G: "Reaching New Target Audiences" - New Approaches to Environmental Stewardship
3:30 PM – 4:00 PM	Refreshment Break
4:00 PM – 5:30 PM	Concurrent Sessions W2A: A Watershed Model for Climate Change Adaptation Planning - Lake Simcoe Case Study W2B: Water as a Commodity W2C: Where Should We Focus our Restoration Efforts? W2D: Special Workshop (Part 2): Fostering Sustainable Behaviour W2E: Drainage and Stewardship W2F: Protecting the Source through Forest Stewardship W2G: Flowing in the Right Direction
5:30 PM – 7:00 PM	Exhibitor Galleries Wine & Cheese / Birds of Prey
7:00 PM – 8:00 PM	Harvest Banquet Dinner Soil and Water Conservation Society, A.D. Latonnell Award of Merit
8:00 PM – 11:00PM	Chart Your Own Course & Desserts Desserts – Exhibit Hall Hockey Summit – for details see page 13 Mini Putt Tournament – for details see page 13 Astronomy Presentation – for details see page 13
10:30 PM – 11:30 PM	Hospitality Suite in Room 41

Thursday, November 17, 2011

8:00 AM – 10:00 AM	Registration
8:30 AM – 10:00 AM	Concurrent Sessions T1A: Building Capacity for Adaptation to Climate Change for Watershed and Shoreline Managers T1B: Water and Finance T1C: How Much Habitat is Enough? - Exploring the Philosophy of Thresholds & Targets T1D: Sustainability and Well-Being T1E: Stewardship and Social Marketing T1F: Aquatic Species at Risk Update: What's New in 2011? T1G: Water Cooler Talk
10:00 AM – 10:30 AM	Refreshment Break

The following events take place in the Conservation Dome:

Welcome and Introductions, all Plenary Sessions and Keynote presentations, all meals, Pioneer Award Ceremony, Student Poster Display, Dream Auction, Gala Banquet, Early Bird Conservation Breakfast and Young Conservation Professionals Graduation



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10:30 AM – 12 NOON	Concurrent Sessions T2A: Stormwater Management for Sustainable Watersheds T2B: Looking Towards Source Water Protection Implementation T2C: How Much Habitat is Enough? Revisiting Forest and Open Country Guidelines T2D: Fostering Sustainability in Municipalities T2E: Collaborative Governance T2F: Changes in Aquatic Communities with Urbanization T2G: Social Media, Session One: Achieving Social Media Success
12 NOON – 1:45 PM	A.D. Latornell Pioneer Award Luncheon Honourable Jim Bradley , Minister of Environment (<i>Invited</i>) Tree Planting Presentation Trees Ontario, Nottawasaga Foundation, and Nottawasaga Valley Conservation
	Pioneer Award Ceremony Pioneer Awards Host: Bill Campbell
2:00 PM – 3:30 PM	Concurrent Sessions T3A: Environmental and Economic Considerations for Agricultural BMPs T3B: On-the-ground Drinking Water Source Protection Activities T3C: What's the Plan? Natural Heritage Planning T3D: Responsible Rock: Building Cities with Sustainable Resources T3E: Community Lake Stewardship T3F: One Fish, Two Fish - Evaluating Fish Habitat T3G: Social Media, Session Two: Mapping Out Your Online Presence
3:30 PM – 4:00 PM	Refreshment Break
4:00 PM – 7:00 PM	Student Poster Display and Competition Dream Auction
7:00 PM – 9:00 PM	Gala Banquet Haim Goldenberg, Mentalist
9:00 PM – 11:30 PM	Hospitality Suite in Room 41

Friday, November 18, 2011

7:00 AM – 10:00 AM	Registration
7:00 AM – 7:30 AM	Early Bird Conservation Breakfast
7:30 AM – 8:15 AM	Keynote Speaker Josh Fox , Filmmaker, <i>Gasland</i>
8:30 AM – 10:00 AM	Concurrent Sessions F1A: Towards Connecting Watersheds with the Nearshore (Coastal) Zone of the Great Lakes F1B: Corporate Water Stewardship: Water Sustainability and Businesses F1C: Beyond the Plan: Lessons Learned from Implementing Natural Heritage Systems F1D: Making the Case for Green Infrastructure F1E: Community Science F1F: Bridging the Gap F1G: Get Your Voice Heard
10:00 AM – 10:30 PM	Refreshment Break
10:30 AM – 12 NOON	Concurrent Sessions F2A: Current Ideas on Improving the Nearshore (Coastal) Zone of the Great Lakes F2B: Water Policy F2C: Telling the Story - Natural Heritage Reporting F2D: Bringing Green Infrastructure to Ground - Essential Steps F2E: Community Stream Stewardship F2F: Common Ground F2G: The Next Wave: Youth and Water Issues
12 NOON – 1:00 PM	Young Conservation Professionals Luncheon & Graduation
1:00 PM – 2:00 PM	Keynote Speakers Alexandra Cousteau and Jonathan Smith , <i>Blue Legacy</i>
2:00 PM – 2:15 PM	Wrap Up

Visiting with Exhibitors

There are two areas where delegates can visit exhibitors during the A.D. Latornell Conservation Symposium. Two Exhibit Halls are located near concurrent session rooms on the lower level of the hotel.

A second area, The Conservation Dome, is located in the Plenary Area where keynote speakers are hosted and social events take place.

Over the course of the Symposium, delegates can also relax and network in The Watering Hole - a café area set up between the two Main Exhibit Halls on the lower level of the Nottawsaga Inn. Wireless internet service is available. Speciality coffee will be set in this area on Wednesday.

Wednesday, November 16, 2011

8:30 AM – 10:00 PM	Exhibit Halls Open
3:30 PM – 4:00 PM	Refreshment Break with Exhibitors
5:30 PM – 7:00 PM	Wine and Cheese in the Exhibit Halls
7:00 PM – 8:00 PM	Dessert
8:00 PM – 11:00 PM	Mix and Mingle in the Exhibit Halls

Thursday, November 17, 2011

8:30 AM – 6:00 PM	Exhibit Halls Open
10:00 AM – 10:30 AM	Refreshment Break with Exhibitors
3:30 PM – 4:00 PM	Refreshment Break with Exhibitors

Friday, November 18, 2011

8:30 AM – 12:00 PM	Exhibit Halls Open
10:00 AM – 10:30 AM	Refreshment Break with Exhibitors

Watering Hole

Cappuccino and Espresso will be available at The Watering Hole downstairs on:

Wednesday, November 16th:

8:00 AM – 10:00 AM The Watering Hole

5:30 PM – 7:00 PM The Watering Hole will be available during the Wine and Cheese Reception

8:00 PM – 10:00 PM The Watering Hole will be available during Chart your own Course & Desserts

Birds of Prey Visit Latornell

Wednesday, November 16th from 5:00 PM - 7:00 PM in Exhibitor Hall B

Conservation Halton's Raptor Centre is bringing a few of their feathered ambassadors to the A.D. Latornell Conservation Symposium again this year. Many of the Mountsberg Raptor Centre's resident birds of prey have permanent injuries that have left them incapable of surviving on their own in the wild. Instead, these popular birds help the Conservation Authority staff to teach people about native birds of prey and how we can protect their habitat.

Wednesday Program Details 2011

10:00 AM - Welcome and Introductions

Jennifer Howley, Chair, A.D. Latornell Conservation Symposium (Master of Ceremonies)

Honourable **Michael Gravelle**, Minister of Natural Resources (*Invited*)



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10:30 AM to Noon - Plenary Session / Keynote Speakers



The New Age of Water: Re-imagining How We Use Water, and How We Think About It — Charles Fishman, *Award Winning Author and Journalist*

We have been living through a 100-year-long golden age of water. We never think about water's availability, we never hesitate to run a bath because of the water bill, and we never worry about whether our tap water will make us sick. But that golden age of water -- where water is unlimited, safe, and free -- is over. We are at the dawn of a new age of high-stakes water, an era in which supplies and systems are under pressure from growing populations, surging economic growth, and dramatic swings in weather. In this new age of water, we'll pay more, but we'll waste less. And we'll have to be much smarter about every drop. We won't lack water -- the global water crisis is mostly a scary myth. But we won't be able to ignore our water anymore. The current generation of college students will reach adulthood with a much different view of water than the one held by their parents. In a remarkable keynote, award-winning investigative journalist Charles Fishman delivers a persuasive, fascinating, and urgent primer on the history and future of water. He takes you from a factory in Vermont with water so clean it is considered poisonous, to villages in India that have 24-hour-a-day cell phone service but no water service at all. Fishman has spent the last three years circling the globe -- from Las Vegas to New Delhi -- to uncover how the world of water is changing, and what the enormous implications are for each of us, no matter where we live.



Reframing Water — Rob de Loë, *University of Waterloo Research Chair in Water Policy and Governance, University of Waterloo*

Rob de Loë is the University Research Chair in Water Policy and Governance at the University of Waterloo. Previously he held the Canada Research Chair in Water Management at the University of Guelph. During the past two decades, Rob has studied and written extensively about water security, water allocation, source water protection and climate change adaptation. He draws on his research to provide policy advice to a wide range of government and non-government organizations in Canada, at scales ranging from local watersheds to the nation. In January, 2008 Rob was named Chair of the Advisory Panel for the Royal Bank of Canada's Blue Water Project, a \$50 million, 10-year charitable grant program to support fresh water conservation, protection and accessibility.

Luncheon Keynote Speaker



Fostering Sustainable Behaviour — Doug McKenzie-Mohr, *pioneer and leader in the rapidly growing field of community-based social marketing*

For over two decades Dr. McKenzie-Mohr has been working to incorporate scientific knowledge on behavior change into the design and delivery of community programs. He is the founder of community-based social marketing and the author of three books on the topic. One of these books, "Fostering Sustainable Behavior: An Introduction to Community-Based Social Marketing," has been recommended by Time Magazine and become requisite reading for those who deliver programs to promote sustainable behavior. He is also the author of the Fostering Sustainable Behavior website and listserv.

The listserv links together over 8000 environmental program planners globally.

Dr. McKenzie-Mohr has worked internationally with a diverse array of governmental and non-governmental agencies, assisting them in identifying the barriers to behavior change and in developing and evaluating community-based social marketing initiatives to overcome these barriers. He has served as an advisor for Canada's public education efforts on climate change, as the coordinator of the international organization, "Holis: The Society for a Sustainable Future," and as a member of Canada's National Round Table on the Environment and the Economy. His work has been featured in the New York Times and he has been awarded the Canadian Psychological Association's "Psychologists for Social Responsibility Research and Social Action Award," and the "Society for the Psychological Study of Social Issues Public Advocacy Fellowship." He is a former Professor of Psychology at St. Thomas University in New Brunswick, Canada where he co-coordinated the Environment and Society program.

DAY ONE

Watershed Management

Water

Natural Heritage

W1A

W1B

W1C

Making the Case for Wetland Conservation and Restoration in Watersheds

Sources at Risk?

Water as Biodiversity

Room 15

Room 10A

Room 10

Wetlands provide important ecological services to watersheds including improvements to water quality and water storage. This session explores how to strengthen the case for wetland conservation and restoration from three perspectives: legislative, cost/benefit, and science/technical.

- ⦿ Legislative/Policy Tools for Maintaining Ecological Services of Wetlands Across Watersheds
James Holland
 (Ducks Unlimited Canada)
- ⦿ A Business Case for Wetland Conservation: The Black River Subwatershed
Shane Gabor
 (Institute for Wetland and Waterfowl Research)
- ⦿ Identifying Wetland Restoration Opportunities and Investigating Change in Wetland Water Storage in Selected Lake Simcoe Sub-Watersheds
Angus Norman
 (Ministry of Natural Resources)

Water is a commodity used for commercial products, as an economic stimulator for green jobs, green economy and new water technologies. But from the viewpoint of watershed managers –how do we ensure sustainable water resources for all. A panel of speakers will explore how the water industry is developing and what our roles are as businesses and practitioners to ensure enough, clean water for all.

Moderated by Rob de Loë
 (University of Waterloo)

- ⦿ The water industry in Ontario and around the world is a significant developing business and economic opportunity – how does the business community see it impacting water resources?
Anthony Watanabe
 (The Innovolve Group Inc.)
- ⦿ Does businesses have a responsibility to assess their own needs for water in order to ensure future sustainability and if so, how?
John Challinor
 (Nestle Waters Canada)
- ⦿ From a resource managers' perspective, how do we juggle the new and sometimes conflicting water interests at a local level?
Deborah Martin-Downs
 (Toronto and Region Conservation Authority)
 - An urban context
and Ryan Post
 (Nottawasaga Valley Conservation)
 - A rural context

There is a clear relationship between water and biodiversity. This session will discuss strategies to protect biodiversity in Ontario, with an emphasis on freshwater ecosystems.

- ⦿ Biodiversity in Ontario, the Past, Present and Future
Gord Miller
 (Environmental Commissioner of Ontario)
- ⦿ Great Lakes Biodiversity Conservation Strategies
Dan Kraus
 (Nature Conservancy of Canada)
- ⦿ Ontario's Biodiversity Strategy
Steve Hounsell
 (Ontario Biodiversity Council)

2:00 - 3:30 PM



Inspiring Sustainability	Community Stewardship	Resource Management (Forestry)	Communications, Outreach and Education
W1D	W1E	W1F	W1G
Special Workshop (Part 1): Fostering Sustainable Behaviour	Food and Stewardship	The Future of Ontario's Forests	"Reaching New Target Audiences" - New Approaches to Environmental Stewardship
Room 16	Room 4	Room 5	Room 19
<p>Doug McKenzie-Mohr is a pioneer and leader in the rapidly growing field of community-based social marketing.</p> <p>This session is part one of two-part workshop that will cover identifying barriers to behavior change, designing effective programs, using pilots, and techniques for program evaluation.</p> <p><u>Participants should register for both Part 1 and 2.</u></p> <ul style="list-style-type: none"> ● Doug McKenzie-Mohr 	<p>Conservation in the landscape is directly linked to the food we grow, how we grow it, and what we choose to eat. How can food production and consumption be better oriented for landscape health?</p> <ul style="list-style-type: none"> ● Paying Farmers to Conserve Endangered Species Habitat Ron Reid (Couchiching Conservancy) ● Leveling the Field. Local vs. Foreign Farm Produce Steve Martin (Martin's Family Fruit Farm) ● Farming the Park Christie Young (FarmStart) 	<p>Invasive species and climate change bring uncertainty to the future health of Ontario forests. Ecological goods and services and carbon markets, however, may provide new opportunities. Explore the latest trends and recommendations in planning and adaptation to this changing forest management environment.</p> <ul style="list-style-type: none"> ● Invasive Forest Insects May Pose Risks to Water Resources: Implications for Forest Planning and Management David Kreutzweiser (Natural Resources Canada) ● Forests as Water Management Tools? An Introduction to Some Ideas and Concepts Around Managing Forests for Water Conservation Paul Egginton (Community Stewardship Council of Lanark County) ● The Future of Carbon Sequestration and Carbon Markets in Ontario Rob Wilson (Nature Conservancy Canada) 	<p>Discover tools, techniques, and lessons in projects that are targeting new audiences to protect water quality and foster environmental stewardship.</p> <ul style="list-style-type: none"> ● Celebrating Municipal Water through the Message in The Bottle Program Mike Nagy (Wellington Water Watchers) ● Marketing Turtle and Lake Health: Effective Engagement of Lake Communities in Stewardship and Citizen Science Erin Nadeau (Toronto Zoo) ● YouTube-style Stewardship - Using Video to Reach New Target Audiences Darryl Finnigan (Ontario Ministry of Agriculture, Food & Rural Affairs)

DAY ONE

Watershed Management

Water

Natural Heritage

W2A

W2B

W2C

A Watershed Model for Climate Change Adaptation Planning - Lake Simcoe Case Study

Water as a Commodity

Where Should We Focus our Restoration Efforts?

Room 15

Room 10A

Room 10

Ontario's Adaptation Strategy and Action Plan (May 2011) identifies development of a Lake Simcoe Adaptation Strategy as a model for adaptation planning in other watersheds. Watershed adaptation strategies using watershed scale information and local collaborative decision making will be critical to successful adaptation.

This session will explore the issue of whether water is a public commodity, such as lumber or oil to be bought and sold, imported and exported or traded and apportioned or whether water is a public (human and ecological) right which needs protection and stewardship for a future with growing demand and diminishing supply.

Restoration has typically been opportunistic, primarily focusing on available funding and willing landowners. However, new approaches prioritize opportunities and strategically target projects to achieve natural heritage targets. The session will focus on a number of new wetland restoration planning initiatives being implemented.

- Adaptation Through Legislation: A Process to Inform the Development of a Watershed Climate Change Adaptation Strategy
Al Douglas
(Ontario Center for Climate Impacts and Adaptation Resources)
- Understanding Climate Change in the Lake Simcoe Basin
Mike Walters
(Lake Simcoe Region Conservation Authority)
- Lake Simcoe Watershed Climate Change Vulnerability Assessment: Water Quantity and Quality
Eleanor Stainsby
(Ministry of the Environment)

- Moderated by Kerry Freek**
(Water Canada)
- Water in a Changing World
Karen Wianecki
(Planning Solutions Inc.)
 - Water Ethics: Value Judgments in Environmental Policy
Dr. Ingrid Stefanovic
(University of Toronto)
 - Occupy Water
Mark Calzavara
(The Council of Canadians)

- Restoration Opportunities Planning in the GTA – a New Technique for Implementing Planning on a Watershed Basis
Ralph Toningier
(Toronto and Region Conservation Authority)
- Eco-Hydrologic Approach to Restoration Planning
John Stille
(Toronto and Region Conservation Authority)
- Prioritizing Wetland Restoration, Rehabilitation, and Adaptation to Climate Change: Credit Valley Conservation's Wetland Restoration Strategy
Paul Biscaia
(Credit Valley Conservation)



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4:00 - 5:30 PM



Inspiring Sustainability	Community Stewardship	Resource Management (Forestry)	Communications, Outreach and Education
W2D	W2E	W2F	W2G
Special Workshop (Part 2): Fostering Sustainable Behaviour	Drainage and Stewardship	Protecting the Source through Forest Stewardship	Flowing in the Right Direction
Room 16	Room 4	Room 5	Room 19

Doug McKenzie-Mohr is a pioneer and leader in the rapidly growing field of community-based social marketing. This session is part two of two-part workshop that will cover identifying barriers to behavior change, designing effective programs, using pilots, and techniques for program evaluation.

Participants should register for both Part 1 and 2.

- **Doug McKenzie-Mohr**

Can the two co-exist? Challenging Responsibilities – Partnerships Between Drainage and Stewardship

- Top Ten Things You Didn't Know About Cropland Drainage
Sid Vanderveen (Ministry of Agriculture, Food and Rural Affairs)
- Can Drainage Infrastructure Be Green? Yes!
Jacqui Laporte (Ministry of Agriculture, Food and Rural Affairs)
- Agricultural Drain Design for Grass Pickerel, a Species of Special Concern
Ian Smith (UEM Consulting)

This session will showcase the complete toolkit for forest protection and stewardship in Ontario, and highlight opportunities for collaboration between leading forest conservation groups. Case studies will be presented, demonstrating creative linkages between forestry and water, and the diverse interests of multiple stakeholders.

- MFTIP and Other Forest Stewardship Tools
Mike Halferty (Ontario Forestry Association)
- Forest and Tree By-laws are they Working? - The York Region Experience
Ian Buchanan (York Region)
- Managed Forest Conservation Easement Agreements – Thinking Beyond Incentive Programs
Sean Fraser (Ontario Heritage Trust)

In this session, we'll hear from organizations that are getting it right and creating positive behaviour change in people around water issues.

- The Blue W Program and Positive Tap Water Promotion
Evan Pilkington (Blue W)
- Caring for Our Watersheds
Dan Orr (Lower Trent Conservation)
- The Water Conservation By-law in the Region of Waterloo: Changing Habits
Steve Gombos (Region of Waterloo)

DAY ONE

Wednesday, November 16, 2011

5:30 PM – 7:00 PM **Birds of Prey Visit Latornell**

Exhibit Halls Wine and Cheese

Delegates are invited to join us for networking and 'gnoshing' at the Exhibitor's Wine and Cheese event taking place in the lower level of the Nottawasaga Inn & Conference Centre on Wednesday, November 16th from 5:30 PM - 7:00 PM. Desserts will be offered in the Exhibit Halls after dinner as well.

7:30 PM – 7:50 PM **Soil and Water Conservation Society**

A.D. Latornell Award of Merit

7:50 PM – 8:00 PM **Wine Draw**

A limited number of 'hot' tickets will be available for a 'timed sale' at the Harvest Banquet on Wednesday, November 16th. Tickets will be \$20. The draw will take place at 7:50 PM in the Conservation Dome, and you must be present to win.

Wine Rack and Wine: Hand Made Cherry 12 bottle Wine Rack with a selection of fine Ontario wines.

8:00 PM – 11:00 PM **Chart Your Course Event**

Following dinner on Wednesday evening delegates have a choice of activities:

- Continue to Mix and Mingle with Exhibitors until 10:00 PM (Location: Exhibitor's Gallery. Conversation supplied.)
- Either play or cheer for your favourite teams at the Hockey Summit (Location: Arena. Bring your own equipment.)
- Mini Putt Tournament (Location: Mini Golf Course in the Leisure Dome)
- Astronomy Presentation (Location: meet at The Watering Hole)

10:30 PM – 11:30 PM **Hospitality Suite in Room 41**



5th Annual Latornell Hockey Summit

Delegates attending the Symposium are once again invited to lace up for pick up hockey. We're looking for enthusiastic hockey players – skills not required.



Mini Putt Tournament - New for 2011

The A.D. Latornell Conservation Symposium is pleased to offer a new Chart Your Own Course activity. Delegates are invited to participate in the mini putt tournament.

Just show up with your team to play.



Astronomy Presentation - New for 2011

Water in space: A hands-on astro-expedition

From Mars to the Moon to comets and some of Jupiter's 63 moons, you may be surprised at how many world in our solar system have water.

RAIN-OR-SHINE, join award-winning science journalist and "wilderness astronomer" Peter McMahon for an interactive tour of the water sources of our solar system, during the peak of the annual Leonid meteor shower.

You'll have the chance to look at dozens of meteors per hour as well as planets and their moons through the latest telescope models, GPS star finders, and augmented reality iPad apps.

In the event of cloud, an all-request 3D planetarium show will tour participants around the sky, while telescopes will be demoed on outdoor objects with a guide to selecting and using gear.

"Wilderness Astronomer" Peter McMahon has written or produced science stories for CTV, Discovery Channel, the Toronto Star, Canadian Geographic, Sky News, and Today's Parent. His latest book on space tourism - published by Kids Can Press - hits bookshelves as of September 2011.



Outdoor (clear sky) Schedule:

- wish on a shooting star-a-minute (approx) during the peak of the annual Leonid meteor shower
- see Europa - one of Jupiter's 63-known moons - a world made almost completely of water
- learn how comets, meteors, and asteroids may have seeded the Earth with the early building blocks of life, including primordial water
- test-drive an array of the hottest new computerized and collapsible camping telescopes
- try-out camping-trip-friendly GPS star finders and LIVE sky iPad apps

Indoor (cloudy or snowy sky) Schedule (Room 11):

- a 45-minute talk on the solar system's five biggest sources of water beyond Earth, including what we now know about liquid water flowing on Mars, and how a giant curling iron could someday melt through the water ice of one of Jupiter's moons to search for life in an underground liquid water ocean
- indoor hands-on test-drives of the hottest new computerized and collapsible camping telescopes, GPS star finders and LIVE sky iPad apps

2011 A.D. Latornell Conservation Symposium Grant

The A.D. Latornell Conservation Symposium Grant was established in the memory of Art Latornell to support students and active members of the conservation community so that they may attend this popular event. Funds to support the grants are raised through the Symposium's annual Dream Auction.

Since 2002, a total of 160 people have received a grant. Applicants must be a student (college or university) or affiliated with an Ontario not-for profit/community conservation organization either as an employee or volunteer.

Recipients receive one - three day registration package, including conference meals, and two nights accommodations at the Nottawasaga Inn. Individuals interested in applying for the 2012 Symposium are encouraged to do so at www.latornell.ca/grant.html

"The 2010 A.D. Latornell Symposium Grant made it possible for me to attend this wonderful opportunity to network with, and gain inspiration from, individuals and organizations tackling the urgent issue of biodiversity conservation in Ontario's watersheds."

– **Dianne Watkins**, Burlington Green Environmental Association (2010)

"For an individual in the not-for-profit sector the Latornell Symposium was an excellent professional and personal development opportunity. Without the Grant Program I would not have had the financial means to attend. The symposium was an excellent opportunity for me to learn more about current environmental issues, new ideas for engaging the public and build partnerships with likeminded individuals/ organizations."

– **Alix Taylor**, Peterborough Green-Up (2010)

"The people you meet, the quality of the presenters and the organization of the conference makes this one of the best conferences in Ontario."

– **Allen MacPherson**, Kawartha Trans Canada Trail Association (2010)



We believe money isn't the only thing worth saving.

For decades, we've regarded our commitment to environmental sustainability as an investment in the future of our planet. Through the RBC® Environmental Blueprint, we're working to address climate change, protect biodiversity, and support fresh water preservation. We are taking action with responsible lending practices, the greening of our products, services and operations, and by promoting sustainability in communities around the world. Why? Because we know investing in today will mean a better tomorrow.

Helping build a better future.



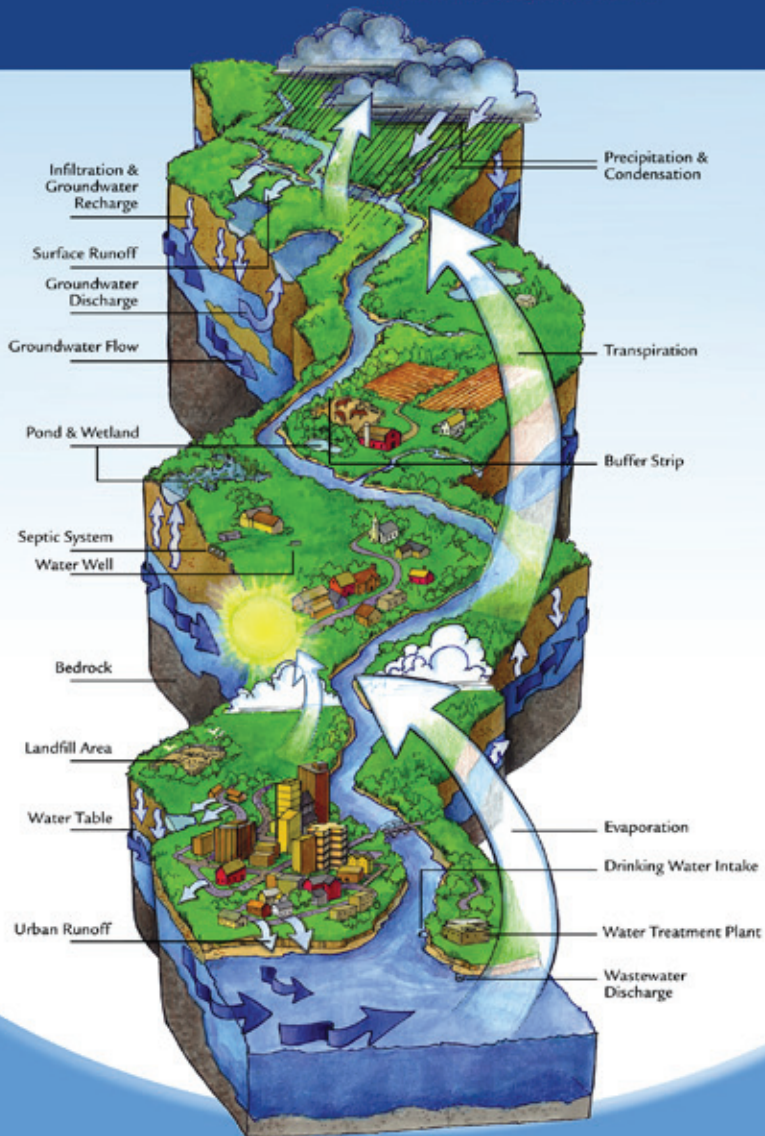
RBC
Environmental
Blueprint™

Water Sustains Life

Green Infrastructure Sustains Water

What we do in our watersheds directly affects the health of our land and water resources

A Watershed is an area of land that catches the rain and snow that drains or seeps into a marsh, river, lake, or groundwater



Water is Best Protected at a Watershed Level

DAY TWO

Watershed Management

Water

Natural Heritage

T1A

T1B

T1C

Building Capacity for Adaptation to Climate Change for Watershed and Shoreline Managers

Water and Finance

How Much Habitat is Enough? - Exploring the Philosophy of Thresholds and Targets

Room 15

Room 10

Room 16

Enhanced science and information will be the foundation of all climate change adaptation initiatives. Robust environmental monitoring as well as local modeling of both the changing climate and the environmental response are critical to an adaptive approach. This session highlights initiatives that are working on water resources tools that will build the capacity of Great Lakes shoreline and watershed managers to adapt to climate change.

- Upper Great Lakes Study and a Proposed Hydroclimate Data Distribution System
Wendy Leger
(Environment Canada)
- Highlights of the Ontario Regional Adaptation Collaborative
Dr. Quentin Chiotti
(Association for Canadian Educational Resources)
- Surface Water and Groundwater Monitoring for Climate Change
Dajana Grgic
(Ministry of the Environment)

Sectors that depend on water for their operations could face financial and operational risks if they do not have access to water. Water also represents opportunities for businesses that are developing innovations in water supply, efficiency, treatment, etc. This session will explore the topic of water finance and how water is driving the development of new policies and decision making.

- CDP Water Disclosure Project
Susan McGeachie
(Deloitte)
- Helping to Successfully Embedding Environmental Sustainability Into Business
Sandra Odendahl
(Royal Bank of Canada)
- Advancements in the Economics and Governance of Water Resource Management
Jeff Wilson
(Green Analytics)

Many organizations have adopted Environment Canada's targets in their restoration and protection efforts. However, it can be unclear as to what targets aim to achieve and whether they can be implemented across Southern Ontario's varied landscapes. This session will begin with a panel discussion on philosophies around habitat thresholds and targets followed by an overview of Environment Canada's proposed update to their wetland and riparian habitat guidelines.

Moderated by Graham Bryan
(Environment Canada)

Panel Members:

- **Ken Towle**
(Ganaraska Region Conservation Authority)
- **Dan Kraus**
(Nature Conservancy of Canada)
- **Paul Smith**
(Ministry of Agriculture, Food and Rural Affairs)

8:30 - 10:00 AM



Inspiring Sustainability	Community Stewardship	Resource Management (Fisheries)	Communications, Outreach and Education
T1D	T1E	T1F	T1G

Sustainability and Well-Being	Stewardship and Social Marketing	Aquatic Species at Risk Update: What's New in 2011?	Water Cooler Talk
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Room 10A	Room 4	Room 5	Room 6
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This session will explore how to define and inspire sustainability at a time when global issues are having an immediate impact on our quality of life and severely compromising the earth's life support systems – climate change, exponential population growth, consumer appetites and technological advancements -challenge our abilities to sustain ourselves. This session provides knowledge, guidance and direction to overcome those challenges.

- Defining Sustainability
Tom Mahood
(CH2M Hill Engineering)
- The Wicked Problem of Climate Change: Moving from Fear, Doubt and Inaction to Informed Hope and Far Reaching Change
Grant Linney
(Former President Council of Outdoor Educators of Ontario)

Using the principles of community-based social marketing to advance stewardship.

- "Love the Tank You're with" – Huron-Kinloss Community Septic Inspections (HK-CSI)
Matthew Pearson
(BM Ross and Associates Limited)
- Are You Well Aware?
Sharyn Inward
(Green Communities Canada)
- RAIN: An Ecological Approach to Lot-Level Stormwater Management
Sharyn Inward
(Green Communities Canada)

Participants in this session will receive an update on activities and progress to date from government agencies that have SAR programs directed towards the recovery of aquatic SAR. Topics will include the identification and protection of critical and regulated habitat for fish and freshwater mussels.

- Identification of Critical Habitat for Endangered Freshwater Mussels
Shawn Staton
(Fisheries and Oceans Canada)
- Using Freshwater Mussels to Monitor Ecosystem Recovery in the Ausable River Watershed
Brynn Upsdell
(Ausable Bayfield Conservation Authority)
- Ontario's Endangered Species Act: An Update on Current Initiatives to Protect Aquatic Species
Scott Gibson
(Ministry of Natural Resources)
- Redside Dace: ESA Habitat Regulation and Guidance
Mark Heaton
(Ministry of Natural Resources)

The value of water can often be difficult to communicate to any audience. We'll discuss how to successfully communicate the value of water to other organizations and the general public.

- Communicating the Value of Water
Christine Zimmer
(Credit Valley Conservation)
- Who Will Protect Our Waters?
Mark Mattson
(Waterkeepers)
- Public Engagement for the Long Term Water Conservation Strategy
Cheri Buxton
(York Region)

DAY TWO

Watershed Management

Water

Natural Heritage

T2A

T2B

T2C

Stormwater Management for Sustainable Watersheds

Looking Towards Source Water Protection Implementation

How Much Habitat is Enough? - Revisiting Forest and Open Country Guidelines

Room 15

Room 10

Room 16

Stormwater management practices are important to many aspects of water management including flood protection, water quality control, erosion control and water balance to natural features. This session will explore opportunities for innovative stormwater management and the need for an integrated set of water management criteria to select and size stormwater management practices.

- Opportunities for Stormwater Management
Henry Jun
(Ministry of the Environment)
- New Stormwater Management Criteria for Watershed Protection
Sameer Dhalla
(Toronto and Region Conservation Authority)
- Case Studies - Implementation of Innovative Stormwater Management and Low Impact Development
Christine Zimmer and **Kyle Vander Linden**
(Credit Valley Conservation)

Local drinking water threat activities have been identified, but how can we address them? As local committees and stakeholders prepare to write source protection plan policies, they may be faced with challenges. This session will identify some of those challenges and the approaches taken by experts to address them.

- Protecting Drinking Water Sources in Lake Ontario
Beverley Thorpe
(Toronto and Region Conservation Authority)
- Can Source Water Protection and Aggregate Extraction Coexist on the Southern Ontario Landscape?
Moreen Miller
(Ontario Stone, Sand & Gravel Association)
- New Municipal Water Supply Sources and Implications/Challenges of Source Protection
Bill Banks
(Banks Groundwater Engineering Limited)

Nine years after the release of Environment Canada's "How Much Habitat is Enough?" the guidelines are being reviewed with an intent to broaden the context around their use and implementation. This session will provide an overview of an Environment Canada project that assessed open country in Southern Ontario followed by an overview of the proposed updated guidelines for forest and open country habitats.

- How Much Habitat is Enough? – Revisiting Forest and Open Country Guidelines
Graham Bryan
(Environment Canada)

10:30 - 12:00 PM



Inspiring Sustainability	Community Stewardship	Resource Management (Fisheries)	Communications, Outreach and Education
T2D	T2E	T2F	T2G
Fostering Sustainability in Municipalities	Collaborative Governance	Changes in Aquatic Communities with Urbanization	Social Media, Session One: Achieving Social Media Success
Room 10A	Room 4	Room 5	Room 6

This session will demonstrate through case studies how cities and towns are recognizing and planning for sustainable development, growth and environments in which their communities can grow and thrive.

- Sustainable Actions - City of Hamilton
Heather Donison
 (City of Hamilton)
- Sustainable Actions - York Region
Teresa Cline
 (Region of York)
- Sustainable Actions - Town of Markham
Katie Burns
 (Town of Markham)

Collaborative governance takes as its starting point the idea that working together creates more lasting, effective solutions. This session will look at successful examples.

- The Importance of Collaborative Governance for Resolving Wicked Problems
Hugh Simpson
 (Ministry of Agriculture, Food and Rural Affairs)
- Challenging Responsibilities - Partnerships Between Drainage and Stewardship
Brett Ruck
 (Town of Fort Erie)
- Kawartha Region Lake Management Planning - A Model of Successful, Inclusive Collaboration
Rob Messervey
 (Kawartha Region Conservation Authority)

Urban effects on aquatic systems continue to be documented. The effects need longer term data sets to evaluate these changes over time. This session will explore observations made on data sets in the Toronto area.

- Setting the Stage – 60 Years of Urban Effects
Deborah Martin-Downs
 (Toronto and Region Conservation Authority (TRCA))
- Water Quality in the Toronto Region as Indexed through Water Chemistry and Benthic Macroinvertebrates
Angela Wallace
 (TRCA)
- Stream Fish Community in the Toronto Region: Spatial and Temporal Trends
Melanie Croft-White
 (TRCA)
- Effects of Urbanization: 10 Years of Monitoring Stream Fish and Macroinvertebrate Biodiversity within 9 Watersheds Across the Toronto Region
Jan Moryk
 (TRCA)

How can your organization best measure success and monitor your progress as you engage with your audience in the age of Web 2.0? Learn social media best practices from experts in the field and finally get the answer to the question "How do I know if I'm doing it right?"

- Beyond Farmville - Is Social Media Actually Good for Business?
Scott Adams
 (Birchbark Media)
- Harnessing the Social Web to Boost Your Presence in Search Engines
Chris Adams
 (gShift Labs Inc.)

Thursday Program Details 2011

1:00 PM to 1:45 PM - Pioneer Award Ceremony

Each year, the A.D. Latornell Conservation Symposium pays tribute to the significant personal and professional achievements of outstanding individuals in Ontario's conservation field. Four people are being recognized this year for their extraordinary leadership and dedication to improving science, protecting biodiversity and educating people on the important role we all need to play in order to ensure a healthy environment today and for the future.

Master of Ceremonies:



Bill Campbell: Brantford, Ontario
Master of Ceremonies

Bill Campbell grew up on a dairy farm near Avonmore in eastern Ontario. He attended the Ontario Agricultural College (OAC) and graduated in the late 1950's with degrees in agronomy (soils and crops) and later received his MBA from McMaster University. After graduation from the OAC, he joined the Department of Land Resource Science at the University of Guelph. He was a close friend and business partner of Art Latornell for decades. After leaving the university, Bill became a successful businessman (along with Art) in the sod industry. In the 1980's, after years of hard work, Bill's company - Fairlawn Sod Nursery Limited - became the largest sod growing operation in North America.

Bill remembers Art as the best of silent business partners. As Bill planned expansions to the business and ran the numbers and the risks past Art, he remembers that "Art would ask the occasional question, and then more often than not just say – let's go for it. Then, left it to me to carry it out". Bill believes that Art's generosity and commitment to conservation and youth are truly reflected in his estate bequest of substantial dollars (obtained through his business profits) to the University of Guelph after his death in 1991.

Bill has a long list of involvement in his local community including being a Rotarian for over 40 years and a long-term Director of the Brantford General Hospital. He and his wife, Dorothy, are actively involved with the Kids Can Fly organization in Brantford which assists young children from underprivileged families with reading and social skills.



2011 Pioneers



Jim Anderson

Nominated by: Ducks Unlimited Canada

- 40+ year career in conservation movement in Ontario.
- Jim successfully managed Conservation Ontario during a time of severe fiscal constraint during which time all of the Conservation Authorities continued to operate.
- Extensive mentorship of young conservationists and others.
- Jim was a primary architect of Ducks Unlimited Canada's national government relations and policy strategies.



Liette Vasseur

Nominated by: Nickel District Conservation Authority

- Distinguished academic career focused in conservation ecology with over 75 of her students entering careers in the conservation/environmental fields.
- Liette's strong belief in community-based ecosystem management was reinforced through her contribution as a Board Member of Nickel District Conservation Authority.
- She is an expert advisor to The Greater Sudbury Climate Change Consortium.
- Liette's research work has included significant involvement with academia, government organizations, NGO's, industry, community conservation groups, and aboriginal communities across Canada.



Paul Aird

Nominated by: Pembroke District – Ministry of Natural Resources

- Total of 57 years promoting conservation in industry and through teaching at the Faculty of Forestry, University of Toronto.
- Long term contributions to the study and protection of endangered bird species, specifically the Kirtland's Warbler.
- Provided significant contributions to public debates that resulted in the establishment of Ontario's Environmental Bill of Rights.
- Paul has co-authored a book on ecofables for children as well as author other publications on ecological fables and nature tales.



Tom Taylor

Nominated by: Lake Simcoe Region Conservation Authority

- Tom has spent over 50 years in volunteering and providing public service to his community.
- His leadership during his nine years as Mayor of Newmarket helped to create the first Platinum LEED eco-home subdivision in Canada.
- Tom was a Founding Director of Oak Ridges Moraine Land Trust.
- His environmental accomplishments were recognized in 2004 when he was awarded the George R. Richardson Conservation Award by Lake Simcoe Region Conservation Authority.

DAY TWO

Watershed Management

Water

Natural Heritage

T3A

T3B

T3C

Environmental and Economic Considerations for Agricultural BMPs

On-the-ground Drinking Water Source Protection Activities

What's the Plan? Natural Heritage Planning

Room 15

Room 10

Room 16

Agricultural best management practices (BMPs) at the farm and subwatershed scale are examined with regard to environmental and economic effects. Two studies in Ontario combining monitoring and modelling will be examined as well as an EG&S approach for Lake Winnipeg.

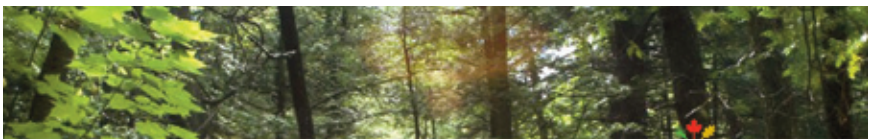
- Evaluation of Multiple Best Management Practices in Fairchild Creek Watershed
Dr. Wanhong Yang
(University of Guelph)
- Watershed Based Best Management Practices Evaluation in Huron County
Mari Veliz
(Ausable Bayfield Conservation Authority)
- Costs and Benefits of Reducing Nutrients in Lake Winnipeg: Using an Ecological Goods and Services Approach
Monika Drozd
(Environment Canada)

Local stakeholders are already looking toward source protection implementation. This session will provide a local perspective on what's happening now across the Province to protect sources of drinking water.

- Grand River Watershed-Wide Wastewater Optimization Pilot Project
Mark Anderson
(Grand River Conservation Authority)
- On-site Septic System Maintenance/inspection Program
- Evaluating the Potential to Reduce Phosphorus Loadings to Lake Simcoe through Water Reuse
David Arseneau
(AECOM)
- Ontario Drinking Water Stewardship Program: Four Years of Local Work to Protection Sources of Drinking Water
Paul Heeney
(Ministry of the Environment)

A natural heritage system plan can be used to protect natural core areas and corridors and restore links between them. This session will look at the natural heritage planning process.

- Components of Collaborative Natural Heritage System Design
Lorraine Norminton
(Ministry of Natural Resources / ReLeaf Hamilton)
- Landscape Connectivity for Wildlife in the Lake Simcoe Watershed, Ontario
Aaron Walpole
(Ministry of Natural Resources)
- Policy and Science: Strengthening Vaughan's Natural Heritage Network
Tony Iacobelli
(City of Vaughn)



Help us Save our Environment. One Tree at a Time.

Trees Ontario is helping Ontario achieve a healthy ecosystem by making sure more trees are planted in the province.



2:00 - 3:30 PM



Inspiring Sustainability	Community Stewardship	Resource Management (Fisheries)	Communications, Outreach and Education
T3D	T3E	T3F	T3G

Responsible Rock: Building Cities with Sustainable Resources	Community Lake Stewardship	One Fish, Two Fish - Evaluating Fish Habitat	Social Media, Session Two: Mapping Out Your Online Presence
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Room 10A	Room 4	Room 5	Room 6
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Ontario communities face many challenges when balancing a need for aggregate materials with community concerns over environmental impacts. This session will provide a primer on aggregate operations, examine legal requirements and industry best-practices for aggregate sites as well as looking at successful end uses for the sites.

- Pits and Quarries 101: Understanding Aggregate Extraction
Alison Braithwaite (Walker Industries Holdings Limited)
- Industry Best Practices: Can Voluntary Certification Improve Industry Practices?
Lorne Johnson (Socially and Environmentally Responsible Aggregate)
- Responsible Rehabilitation: Is There Benefit in After-Use?
Brenda Axon (Conservation Halton)

This session will look at how shoreline owners, Associations, and their volunteers are working with all levels of government to ensure the ecosystem health of their lakes.

- BioBlitz and Shoreline Surveys - Linking Science, Community and Stewardship Programs
Barbara King and Bridget Dilauro (Centre for Sustainable Watersheds)
- Community Mobilization for Lake Management Plan Implementation in the City of Kawartha Lakes
Dave Pridham (Kawartha Conservation)
- Lake System Health in Cottage Country
Judi Brouse (District of Muskoka)

Fish need clean water, spawning and rearing grounds, clear migration routes and food. Human activities in or near waterbodies can degrade these important fish habitats. The speakers in this session will discuss tools and methods for evaluating fish habitat in Ontario.

- An Introduction to ThermoStat: A Method for Assessing Thermal Regimes in Streams
Bastian Schmidt (Ministry of Natural Resources)
- Geospatial Decision Support Tool for Fish Migration Above and Below Dams
Carolyn Bakelaar (Fisheries and Oceans Canada)
- The Biological Condition of Streams in the Saugeen Watershed
Chris Jones (Ministry of the Environment)
- Quantifying Assimilative Capacity of Lake Simcoe Based on Cumulative Impacts to Biological Integrity
Les Stanfield (Ministry of Natural Resources)

Has your organization effectively integrated social media tools into your overall marketing strategy and policies? Learn the value of social media strategy development and hear from organizations that have made the social web work for them.

- Social Media 2012: Stop, Listen, Learn Then Strategize
Karen Bennett (Delta Media)
- It's Not a Social Media Strategy, It's a Marketing Strategy
Josh Muirhead (Socialmark Media)
- Think Before You Tweet!
Jayne Crittenden (Conservation Ontario)

4:00 PM to 7:00 PM - Student Poster Displays and Competition

The A.D. Latornell Conservation Symposium showcases a variety of original research projects which have either been just completed or are underway within our universities and colleges. This is a great opportunity for Symposium delegates to see innovation in action and to provide their feedback to student poster participants. A vote is held by delegates and cash awards of \$500, \$300 and \$200 are presented to the top three poster presentations.

This year, a total of 14 presenters are featured. They include:

Name	Affiliation	Poster Presentation Title
Maxime Moisan	University of Guelph	Ultrasonic Treatment of Sludge before Anaerobic Digestion
Andrew Beaton	University of Guelph	Environmental Flow Assessment for Lovers Creek Subwatershed
Gurvinder Mundi	University of Guelph	Fruit and Vegetable Wash Water Treatment for Reuse
Erin Jaggard	Queen's University	Piecing Together the Environmental Sustainability of Switchgrass for Energy in Southeastern Ontario
Amanda Fracz	McMaster University	Effect of Beaver-Dam Impoundment on Water Chemistry of Coastal Marshes in Eastern Georgian Bay
Catherine Dieleman	McMaster University	Relative Importance of Land Use, Landform Features, Storm Events and Season on Water Quality of First-Order Streams in the Beaver Valley Watershed.
Sonja Teichert	University of Western Ontario	The role of Community Based Monitoring in freshwater ecosystem management by Ontario's Conservation Authorities
Thomas Dyck	Wilfrid Laurier University	First Nations and Water: Building Adaptive Water Governance in Southern Ontario
Steve McKeown	University of Guelph	Monitoring agricultural land management practices using Synthetic Aperture RADAR
Cheryl Goncalves	University of Toronto	Using diatom community composition to evaluate water quality in southern Ontario streams.
Kelly Ali	Queen's University	Investigating the Hydrostratigraphy of Fine-grained Sediments between a Limestone Aquifer Experiencing Depressurization and an Overlying Peatland
Bill Trenouth	University of Guelph	Monitoring and Modeling of Soil Loss from Southern Ontario Basins during Pre-Development and Development Activities
Pritzi Castaneda	University of Waterloo	Paradoxes in Certification and Ecolabelling Programs: a Case Study of Green Globe in Barbados
Amanda Shane	Queen's University	Floating Wetlands for Improved Treatment in Stormwater Ponds



Thursday: 4:00 PM to 7:00 PM - Dream Auction

The Dream Auction provides a variety of items bound to appeal to everyone in the crowd. It's a perfect opportunity to start your Christmas shopping with many one-of-a-kind items available.

There are three ways to take home a great item:

- Silent auction – how high will you go.....?
- Bucket Draw – 1 ticket for \$2; 3 for \$5; an arm length of tickets for \$20
- Card Draw for His n' Hers Specialized Hybrid Bikes – 1 card for \$20 (see below for details)

At the Silent Auction there is something for everyone! Entertainment, Family Activities, Wine, Art and Jewellery. We look forward to having you join us for an evening of fun!

Some of this year's items include:

- Golf at Eagle's Nest, Bathurst Glen or Turnberry Golf Clubs
- Leaf Tickets in Red Seats; The Rock Lacrosse Tickets
- Hand carved maple Lazy Susan
- Free weekend visit at the Nottawasaga Inn
- Free weekend at McGeachie Cottage on Steenburg Lake near Bancroft
- Rainbarrel
- Gibson Acoustic Guitar
- Wildlife Prints

Card Draw: A special limited ticket sale of cards for \$20 each will be held Thursday evening for:

His and her's Specialized hybrid bikes - The Crosstrail and Ariel are the ideal bikes if you are looking for a fast, efficient road bike and capable mountain bike, all in one. From the weekday commute to the weekend singletrack ride, you will love this bike for its true hybrid versatility that offers wide-ranging ride options. The bikes offer a light weight aluminum frame, front suspension, and mechanical disc brakes for all weather stopping. Also included a \$50 gift certificate to outfit your new ride and a 5 year service warranty.



Already have a bike? Bike Depot will trade to the value of \$500 per bike

All Dream Auction items are generously donated by individuals and groups such as you. All proceeds to be donated to the A.D. Latornell Grant Fund. Thank you to everyone who helps make this such a success. Last year, the Auction raised almost \$15,000 and we hope - with your help - to do just as well, or better, this year!

DAY TWO

Thursday, November 17, 2011

7:00 PM - Gala Banquet Dinner

8:00 PM – Mentalist



Haim Goldenberg has traveled the world, captivating audiences with a combination of charm, wit and incredible talent. The star of the critically acclaimed television series GoldMind, Haim took his first foray into the world of mentalism at the age of six after seeing a performance by Uri Geller, a famous Israeli mentalist. It took two years of daily ritual mind exercises and control, but he eventually mastered his first feat of bending spoons.

Haim has driven blindfolded in heavy traffic through Toronto and Tel Aviv. He has done “trans-Atlantic” mind readings. He even helped the Toronto Maple Leafs win a hockey game! And in a particularly terrifying performance at a children’s hospital, he stopped his pulse in front of stunned doctors. Haim Goldenberg is considered by his peers to be one of the brightest new minds in mentalism. He has consistently said in interviews that he differentiates himself from other mentalists by aiming to instill hope in his audience and inspire them via his live appearances and his television series. Haim makes you believe in the power of the mind.

9:00 PM to 11:30 PM - Hospitality Suite in Room 41

Planting Trees on Behalf of Symposium Participants Benefits the Environment

In an effort to reverse the effects of up to 1,000 Symposium participants driving to the 18th annual A.D. Latornell Conservation Symposium, over 4,400 trees will be planted in the Nottawasaga River watershed. This marks the fifth year we have been planting trees for a cumulative total of over 20,000 trees.

The tree planting will be coordinated with long standing partners, Trees Ontario, the Nottawasaga Foundation, the Nottawasaga Valley Conservation Authority (NVCA), and the A.D. Latornell Conservation Symposium. Planting trees helps to offset carbon emissions as well as increase the forest cover, providing many additional benefits to the watershed and its residents. Forests help to improve water quality and moderate the effects of both drought and flooding as well as reduce the extent of soil erosion, provide habitat for wildlife and are an important economic resource.





Latornell “Green Bites”

Each year, the A.D. Latornell Conservation Symposium works with its exhibitors, sponsors, delegates, speakers and the Nottawasaga Inn to reduce the impact that our event has on the environment. As practitioners, we feel it's important that we lead the way and show others how we can 'walk the talk'. Change isn't easy until you actually do it.

At the Symposium, we use 'green' meeting practices and policies, plant trees to offset participants' carbon emissions, use green power sources, and rely on local food sources for our meals.

As well, our main partner, the Nottawasaga Inn, has worked hard with us to reduce waste in every aspect of the event. The Inn recently received four stars in the GREEN KEY Eco-Rating Program, a rating system designed to recognize hotels, motels and resorts that are committed to improving their environmental and fiscal performance.

The Latornell Conservation Symposium strongly encourages conference attendees to carpool as we all work together towards reducing the carbon footprint of this conference.

The Latornell Steering Committee follows the Canadian Network for Environmental Education and Communication (EECOM) Green Conference Guidelines in all aspects of conference organization!

More information on all the 'green' features of the A.D. Latornell Conservation Symposium can be found online at **www.latornell.ca**.



Mark your calendar for the 2012 Symposium

November 14, 15 and 16, 2012
Nottawasaga Inn and Conference Centre
Alliston, Ontario

DAYTHREE

Friday, November 18, 2011

Friday Program Details 2011

7:00 AM - Conservation Breakfast

- Available only until 7:30 AM

7:30 AM - Keynote Speaker



Josh Fox, Filmmaker

Josh Fox is the founder and Artistic Director of International WOW Company a film and theatre company that works closely with actors and non actors from diverse cultural backgrounds, including members of the US Military, activist communities in sustainable energy and design and actors, dancers, designers and filmmakers from around the world to create new work that addresses current national and global social and political

crises. Josh's work is known for its mix of gripping narrative, heightened imagery and its commitment to socially conscious themes and subjects.

Most recently, Josh wrote and directed GASLAND his first documentary that premiered at the SUNDANCE film festival in the US documentary competition. The film is about the largest domestic natural gas drilling boom in history that has swept across the United States. What is uncovered is truly shocking--water that can be lit on fire right out of the sink, and chronically ill residents of drilling areas from disparate locations in the US all with the same mysterious symptoms.

Continue Learning After the Symposium



Visit the A.D. Latornell Conservation Symposium website after the event to download speaker presentations (as available) and resource materials on the Water theme.

We also provide live links to Exhibitors' websites where you can find more information on their products and services. Visit www.latornell.ca

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NOON to 2:00 PM - Luncheon and Closing Plenary

12:30 PM - Young Conservation Professionals Program Graduation Ceremony

A total of 21 people will be graduating from the 2011 Young Conservation Program (YCP) this year, marking the seventh year of the program. As part of the University of Guelph's Centre for Land and Water Stewardship, the YCP is a comprehensive personal and professional development program to encourage young leaders within the conservation sector in Ontario. The graduation ceremony for this popular program is hosted annually at the A.D. Latornell Conservation Symposium.

YCP participants take part in an intensive year-long program consisting of residential retreats, workshops and on-the-job practice and reflection - all focused on developing leadership and management skills. The YCP is especially suited to conservation agencies and organizations with limited professional development resources, and a pressing need for the next generation of conservation leaders to "step-up" and assume a management role.

Emerging conservation leaders have enhanced their skills with experiential learning and training opportunities provided through the YCP since 2005. The YCP is supported by the University of Guelph's and A.D. Latornell Endowment Fund. In addition, this program would not be possible without the time generously donated by many 'seasoned' conservation professionals who helped with advice and delivery of workshops.

For more information about the YCP or to apply for next year's program, contact Peter Mitchell, Centre for Land and Water Stewardship, University of Guelph by email: claws@uoguelph.ca. You can also visit YCP online at www.ycpleadership.ca

The 2011 YCP program graduates include:

Sarah Olinski, *Ministry of Environment*
Stas Shulist, *Ignatius Jesuit Centre*
Peter Hebert, *Cataraqui Region Conservation Authority*
Violetta Tkaczuk, *Toronto and Region Conservation Authority*
Marnie Guindon, *Crowe Valley Conservation Authority*
Victoria Edwards, *Credit Valley Conservation*
Kyle Vander Linden, *Credit Valley Conservation*
Andrea Chreston, *Toronto and Region Conservation Authority*
Allison Roberts, *EcoSpark*
Julia Buck, *Ministry of Natural Resources*
Chelsey Ellis, *Rideau Valley Conservation Authority*
Dana Eldon, *Lake Simcoe Region Conservation Authority*
Sarah Hodgkiss, *Couchiching Conservancy/Carolinian Canada Coalition*
Karla Young, *Upper Thames River Conservation Authority*
Cristal Hart, *Upper Thames River Conservation Authority*
Ashley Wilcox, *Grey Sauble Conservation Authority*
Jennifer Arthur, *Ministry of the Environment*
Esther E. Lambert, *Friends of the Greenbelt Foundation/FutureWatch*
Peter Davis, *Ontario Streams/University of Guelph*
Lisa Jennings, *Hamilton Conservation Authority*
Kate Northcott, *Nottawassaga Valley Conservation Authority*

Leadership Team:

Dr. Stewart Hilts
Peter Mitchell
Sonia Dong
Katarina Vuckovic
Andrew Kett

DAY THREE

Great Lakes

Water

Natural Heritage

F1A

Towards Connecting Watersheds with the Nearshore (Coastal) Zone of the Great Lakes

Room 15

The Great Lakes nearshore zone is a precious resource that requires science and information to understand and manage the issues it faces and the relationship to the contributing watersheds. This session examines some current experience in tackling these issues.

- **Setting Water Quality Targets for the Nearshore**
Mary Thorburn
(Ministry of the Environment)
- **Linking the Grand River Basin Water Management Study to the Lake Erie Lakewide Management Plan and Nearshore Issues**
Sandra Cooke
(Grand River Conservation Authority)
- **Developing an Integrated Lake Ontario Shoreline Strategy: What Is Being Learned?**
Kate Hayes
(Credit Valley Conservation)

F1B

Corporate Water Stewardship: Water Sustainability and Businesses

Room 10

Many businesses are developing a better understanding of their water consumption, are recognizing that sustainable water use makes good business sense, and are therefore taking actions to reduce their water footprint.

WWF has formed innovative partnerships with companies to promote water sustainability. This session will explore the partnerships that are being formed and will look at two businesses who are already taking action.

- **Strategic Partnerships Towards Water Sustainability**
Monica Da Ponte
(World Wildlife Fund)
- **CGLI Water Footprinting Study – Partnership with Lafarge Canada**
Dale Phenicie
(Council of Great Lakes Industries)
- **Water Stewardship Strategy and Water Neutrality by 2020**
David Moran
(Coca Cola Canada)

F1C

Beyond the Plan: Lessons Learned from Implementing Natural Heritage Systems

Room 5

Natural heritage systems have become an important part of Ontario's land use planning framework. Numerous agencies and municipalities have developed and implemented natural heritage systems. This session explores the successes and lessons learned through the implementation of these systems.

- **Terrestrial Natural Heritage System Strategy**
Noah Gaetz
(Toronto and Region Conservation Authority)
- **Natural Heritage Studies: Lessons Learned in the Southwest and Next Steps**
Jeff Brick
(Upper Thames River Conservation Authority)
- **Natural Heritage System: Science or Science Fiction?**
Dr. Danijela Puric-Mladenovic
(Ministry of Natural Resources and University of Toronto)



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Fisheries and Oceans Canada is a proud supporter
of the A.D. Latornell Conservation Symposium.

*Pêches et Océans Canada est fier d'appuyer
le symposium annuel A.D. Latornell sur la conservation.*

Visit our new web site at: / Visitez notre nouveau site Web à :
www.dfo-mpo.gc.ca/habitat/

8:30 - 10:00 AM



Green Infrastructure	Community Stewardship	Geospatial Technology	Communications, Outreach and Education
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F1D	F1E	F1F	F1G
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Making the Case for Green Infrastructure	Community Science	Bridging the Gap	Get Your Voice Heard
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Room 4	Room 6	Room 18	Room 10A
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There are many definitions of green infrastructure in use today. In this session we will define green infrastructure and outline the rationale for including Green along with Grey Infrastructure, as well as the business case for doing so.

- **Protecting Water With Green Infrastructure**
Colleen Cirillo
(Green Infrastructure Ontario Coalition)
- **Green Infrastructure - Gaps in Tools for Implementation**
Liat Podolsky
(Ecojustice)
- **Making the Case for Green Infrastructure - Assessing the Economic Value of the Rouge Watershed Plan Sustainable Community Scenario**
Mary Trudeau
(Marbek Consultants)

From "citizen science" to "community science". Using community volunteers in gathering information and monitoring.

- **Adaptive Monitoring on a Budget**
Lauren Sharkey
(Community Stream Stewardship Program)
- **Monitoring the Moraine**
Joyce Chau
(EcoSpark)
- **The Conservation Volunteers Program at the Nature Conservancy of Canada**
Kristyn Ferguson
(Nature Conservancy of Canada)

This session will be making the link between geospatial data and the policy decisions being made on the landscape.

- **Spatial Framework for Storage and Analyses of Fish Habitat Data in Great Lakes' Areas of Concern: Hamilton Harbour Geodatabase Case Study**
Andrew Doolittle
(Fisheries and Oceans Canada)
- **Using Web Mapping to Aid in Watershed Based Decision Making**
Thomas Byveldt
(South Nation Conservation)
- **Numerical Models for Adaptive Watershed Management: Visualization as Knowledge Management Tool**
Thorsten Arnold
(Drinking Water Source Protection. Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region)

Interacting with government at any level can be time consuming and result in very little policy change if you are not speaking their language. We'll present various government relations strategies that you can implement in your organization.

- **Working With Your MPP**
Laurie Scott
(MPP Haliburton - Kawartha Lakes - Brock)
- **A Conservation Organization's Approach to Government Relations**
Julie Cayley
(Ducks Unlimited Canada)
- **How a Small Lake's Problems Became a Government Priority: Getting the Lake Simcoe Protection Act**
Claire Malcolmson
(Environmental Defense)

DAY THREE

Great Lakes

Water

Natural Heritage

F2A

F2B

F2C

Current Ideas on Improving the Nearshore (Coastal) Zone of the Great Lakes

Water Policy

Telling the Story - Natural Heritage Reporting

Room 15

Room 10

Room 5

The nearshore zone of the Great Lakes is one of the most ecologically stressed zones and also one of the most important social and economic zones for recreation, drinking water, stormwater and wastewater. Significant environmental issues are most acute in the nearshore and must be addressed. Provincial/Federal, municipal and coastal consultant perspectives will be explored.

Effective water policies that protect our water resources are of critical importance to all stakeholders. This session explores new narratives of water policy at the provincial and conservation authority level.

Whether it is to determine baselines, show trends, or measure successes, reporting is a key aspect of natural heritage planning and protection. Reporting may be done to address a number of needs ranging from meeting regulatory requirements; justifying resource allocations; to providing effective communication tools to further the cause at hand. This session will explore approaches to natural heritage reporting by various organizations.

- Development of a Nearshore Framework Under the Canada-Ontario Agreement
Joanne Di Maio (Ministry of the Environment) and **John Marsden** (Environment Canada)
- Local Communities Working to Improve the Nearshore Zone
Sarah Rang (Great Lakes St. Lawrence Cities Initiative)
- The Integration Imperative for Sustainable Coastal Management in the Great Lakes
Pete Zuzek (Baird & Associates)

- Improving Water Protection in the Greenbelt- Looking Forward to the 2015 Plan Reviews
Shelly Petrie (Greenbelt Foundation)
- Water Opportunities Act – What’s on the Horizon for Water Management?
Theresa McClenaghan (Canadian Environmental Law Association)
- Grand River Watershed, Water Management Plan - Challenges and Opportunities
Lorrie Minshall (Grand River Conservation Authority)

- Measuring Success on the Oak Ridges Moraine
Fred Johnson (Oak Ridges Moraine Foundation)
- Building Capacity for Reporting on the Status of Natural Areas in Ontario (Ecosystem Status and Trends Reporting)
Michael McMurtry (Ministry of Natural Resources)
- The Living City Report Card – an Assessment of the Environmental Health of the Greater Toronto Area
Sonia Dhir (Toronto and Region Conservation Authority) and **Linda Weichel** (Greater Toronto CivicAction Alliance)

10:30 - 12:00 PM



Green Infrastructure	Community Stewardship	Geospatial Technology	Communications, Outreach and Education
F2D	F2E	F2F	F2G

Bringing Green Infrastructure to Ground - Essential Steps	Community Stream Stewardship	Common Ground	The Next Wave: Youth and Water Issues
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Room 4	Room 6	Room 18	Room 10A
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There are a few things that can be done to get the Green Infrastructure train rolling - hear from some of the pioneers in this field and their experiences in what it has taken to get started.

- Water Sensitive Urban Design in Melbourne Australia
Andrew Marshall
- The More You Pave... the More You Pay - the City of Kitchener's New Stormwater Utility
Nick Gollan (City of Kitchener)
- Peeling Back the Pavement: A Blueprint for Reinventing Rainwater Management in Canada's Cities
Carol Maas (POLIS Project)
- Stormwater Pollution Prevention Demonstration Sites - Lessons Learned
Phil James and **Jakub Wrobel** (Credit Valley Conservation)

This session will look at how shoreline owners and associations and their volunteers are working with all levels of government to ensure the ecosystem health of their lakes.

- The Transformation of Marden Creek
Larry Halyk (Wellington County Stewardship Council)
- Ontario Streams: Adopt-a-Stream Program
Doug Forder (Ontario Streams)
- Little Creek Restoration
Meredith Carter and **Dave Johnston** (Otonabee Conservation)

This session will explore standardizing approaches to collecting and processing data to facilitate sharing between project partners - Locally and globally.

- Open Data – for Conservation and Public Good
Jury Konga (eGovFutures)
- Large Scale Integrated Hydrology Data
Steve Leney (Ministry of Natural Resources)
- Recent Advances and Future Directions for the Groundwater Information Network
Boyan Brodaric (Natural Resources Canada)

A look at the insights today's young adults can contribute to your organization's direction.

- Environmental Education K-12: A Focus on Water
Catherine Mahler (Ministry of Education)
- Engaging Youth with Water: Motivations, Challenges and Lessons Learned
Paul Tucker (EcoSpark)
- Ontario Nature's Youth Council
Sarah Hedges (Ontario Nature)

Don't forget to fill out the Latornell Delegate Evaluation Form to enter our DRAW for a \$100 gift certificate from Mountain Equipment Coop. You can do this online (link available from the Latornell website) or alternatively from your smartphone by scanning the QR Code shown here.



Most smartphones can read QR Codes, but you may need to download a QR Code reader app for your phone if not already installed.

DAY THREE

Friday, November 18, 2011

1:00 PM - Keynote Speakers



Alexandra Cousteau, *Blue Legacy*

National Geographic Emerging Explorer, award-winning filmmaker, and globally recognized advocate on water issues Alexandra Cousteau continues the work of her renowned grandfather Jacques-Yves Cousteau and her father Philippe Cousteau, Sr. At 34, she has already mastered the remarkable storytelling tradition handed down to her and has the unique ability to draw audiences into the weighty issues of policy, politics, and action. Cousteau is dedicated to advocating the importance of conservation and sustainable management of water in order to preserve a healthy planet. Her global initiatives seek to inspire and empower mainstream audiences to protect not only the ocean and its inhabitants, but also the human communities that rely on freshwater resources.



Jonathan Smith, *Blue Legacy*

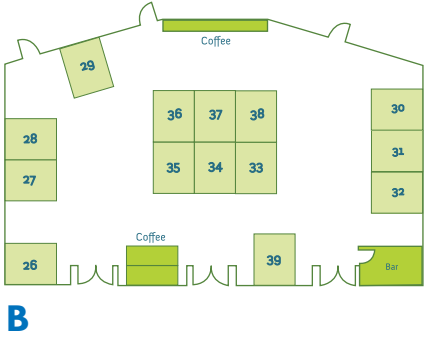
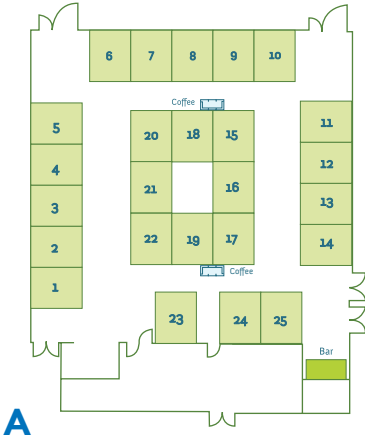
At age 31, Jonathan Smith has the bio of an innovator and entrepreneur twice his age, at least. Through Blue Legacy, he applies his expertise in cause marketing, message management and grassroots advocacy to the global conversation about water. Prior to joining Blue Legacy, Jonathan served as President and CEO of Earth911.com, a search engine and company dedicated to product stewardship and recycling that tops Google's search results for "recycle" and "recycling".

In addition to working with Alexandra to manage Blue Legacy and serving as Producer for Expedition Blue Planet, Jonathan is writing his first book, *Communicating Cause™: Emotionalizing Your Brand without Politicizing Your Life.*

This Year's Exhibitors

This Year's Floorplan

Exhibit Halls

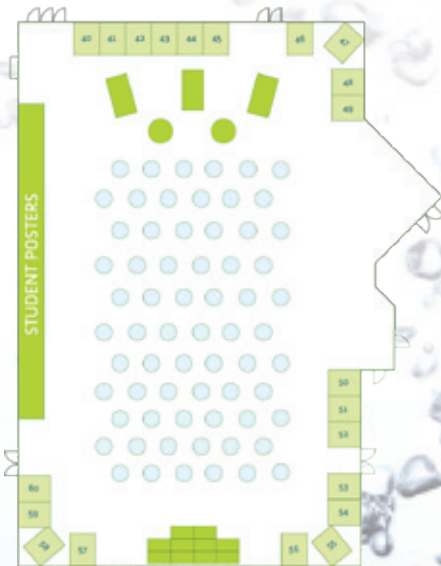


The Watering Hole Sponsored by Royal Bank of Canada and RBC Blue Water

1. Weather and Water Information Gateway
2. Fisheries and Oceans Canada
3. Canadian Water Resources Association
4. Agriculture and Agri-Food Canada
5. Ontario Soil and Crop Improvement Association
6. Environmental Commissioner of Ontario
7. Socially and Environmentally Responsible Aggregate
8. Water Resources Information Program
9. Ministry of the Environment
10. Heron Instruments Inc.
11. Isotope Tracer Technologies Inc.
12. Genivar
13. KISTERS North America, Inc.
14. Hoskin Scientific Ltd.
15. Ontario Geological Survey
16. Ontario Centre for Climate Impacts and Adaptation Resources
17. Aquatic Informatics Inc.
18. Aggregate Forum of Ontario
19. Imbrium Systems Inc.

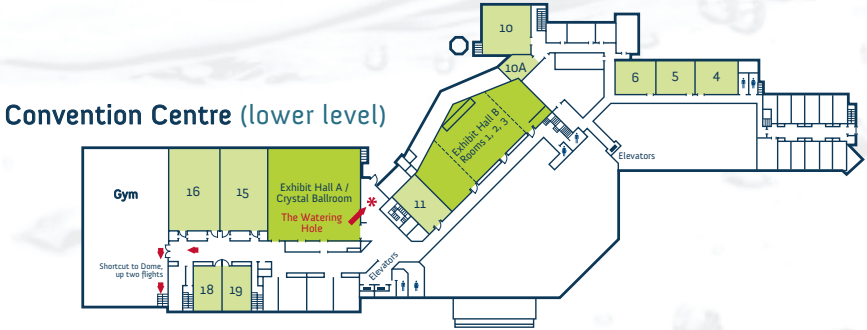
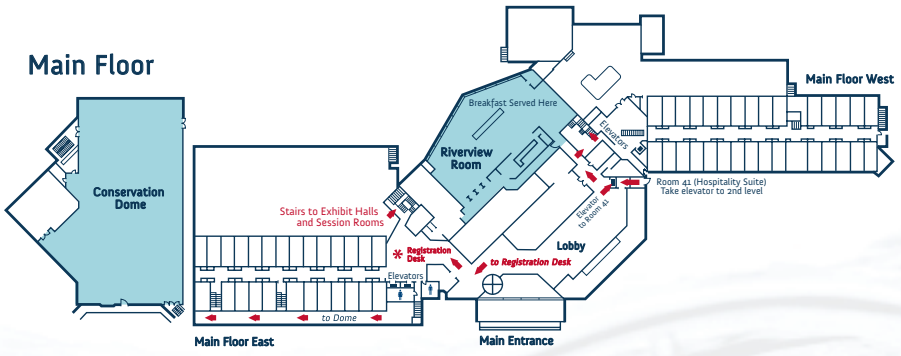
20. Trees Ontario
21. Water Canada
22. Océ-Canada Inc.
23. Ministry of Natural Resources, Biodiversity Section
24. Natural Resource Solutions Inc.
25. Oak Ridges Moraine Foundation
26. University of Guelph
27. Forest Technology Systems
28. AECOM
29. XCG Consultants Ltd.
30. Environment Canada
31. Concept Controls Inc.
32. Aquafor Beech Ltd.
33. Ministry of Agriculture, Food & Rural Affairs
34. Ministry of Agriculture, Food & Rural Affairs
35. Holland Marsh Drainage Project and the Drainage Superintendents Association of Ontario
36. Geomorphic Solutions
37. Echelon Environmental
38. Cole Engineering Group Ltd.
39. Town of Fort Erie

Conservation Dome



41. Centre for Alternative Wastewater Treatment, Fleming College
45. Allset Inc.
46. Conservation Ontario
48. Ontario Nature
49. Canadian Chestnut Council
50. Solinst Canada Ltd.
54. Cambium Environmental Inc.
55. Ducks Unlimited Canada
56. Conservation Ontario
57. Ministry of Natural Resources, Ontario Stewardship
58. Carolinian Canada Coalition

Nottawasaga Inn Floorplan



Session Information

Session	Room	Moderator	Session	Room	Moderator	Session	Room	Moderator
W1A	15	Gurvinder Mundi	T1A	15	Ingrid Epp	F1A	15	Gurvinder Mundi
W1B	10A	Rob de Loë	T1B	10	Penny Beames	F1B	10	Melissa Rosato
W1C	10	Erin Jaggard	T1C	16	Lisa Turnbull / Graham Bryan	F1C	5	Erin Jaggard
W1D	16	Erin Garbett	T1D	10A	Alyssa Bird	F1D	4	Evan Schneider
W1E	4	Maxime Moisan	T1E	4	Pritzi Castaneda	F1E	6	Kathleen Kinsella
W1F	5	Melissa Rosato	T1F	5	Melissa Rosato	F1F	18	Andrew Beaton
W1G	19	Pritzi Castaneda	T1G	6	Gurvinder Mundi	F1G	10A	Penny Beames

W2A	15	Andrew Beaton	T2A	15	Kathleen Kinsella	F2A	15	Maxime Moisan
W2B	10A	Kerry Freck	T2B	10	Melissa Rosato	F2B	10	Erin Garbett
W2C	10	Erin Jaggard	T2C	16	Maxime Moisan	F2C	5	Pritzi Castaneda
W2D	16	Erin Garbett	T2D	10A	Ingrid Epp	F2D	4	Alyssa Bird
W2E	4	Bill Trenouth	T2E	4	Penny Beames	F2E	6	Penny Beames
W2F	5	Evan Schneider	T2F	5	Alyssa Bird	F2F	18	Kathleen Kinsella
W2G	19	Penny Beames	T2G	6	Pritzi Castaneda	F2G	10A	Evan Schneider

T3A	15	Bill Trenouth
T3B	10	Erin Jaggard
T3C	16	Kathleen Kinsella
T3D	10A	Gurvinder Mundi
T3E	4	Evan Schneider
T3F	5	Andrew Beaton
T3G	6	Erin Garbett