

— 2013 —
PROGRAM



ré • sil • ience

THE ABILITY TO ADAPT TO CHANGE

2013



A.D. LATORNELL
CONSERVATION SYMPOSIUM

NOVEMBER 20-22, 2013

NOTTAWASAGA INN RESORT AND
CONVENTION CENTRE • ALLISTON, ON



UNIVERSITY
of GUELPH

20th Anniversary

WWW.LATORNELL.CA

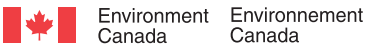
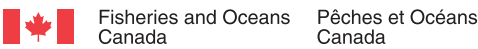
CONFERENCE MANAGEMENT

Chair: **Deborah Martin-Downs**, *Credit Valley Conservation*
 Vice Chair: **Hazel Breton**, *Hamilton Conservation Authority*
 Symposium Co-Coordinator: **Karen Anderson**, *Allset Inc.*
 Symposium Co-Coordinator and Website Coordinator: **Mario Maillet**, *Allset Inc.*
 Secretary: **Bill Trenouth**, *University of Guelph*
 Registrar: **Teresa Cole**
 Hotel and Facilities Coordinator: **Barbara Mackenzie-Wynia**, *Ontario Nature*
 Ex-Officio: **Kim Gavine**, *Conservation Ontario*
Dr. Stewart Hilts, *University of Guelph*

STEERING COMMITTEE

Kata Bavrlic <i>Credit Valley Conservation</i>	John Lackey <i>Soil and Water Conservation Society Ontario Chapter</i>
Lisa-Beth Bulford <i>Lake Simcoe Region Conservation Authority</i>	Jane Lewington <i>Conservation Ontario</i>
Cheri Buxton <i>York Region</i>	Kathy Macpherson <i>Friends of the Greenbelt Foundation</i>
Jayne Crittenden <i>Conservation Ontario</i>	Shelley Macpherson <i>Rideau Valley Conservation Authority</i>
Chris Darling <i>Central Lake Ontario Conservation Authority</i>	Favelle Mascke <i>Ministry of Natural Resources</i>
Kendrick Doll <i>Ontario Heritage Trust</i>	Shelley McKay <i>Trees Ontario</i>
Jane Dunning <i>Conservation Ontario</i>	Peter Mitchell <i>University of Guelph</i>
Darryl Finnigan <i>Ontario Ministry of Agriculture and Food</i>	Andee Pelan <i>Lake Simcoe Region Conservation Authority</i>
Jennifer Howley <i>Upper Thames River Conservation Authority</i>	Sean Watt <i>Cataraqui Region Conservation Authority</i>

SYMPOSIUM PARTNERS



WELCOME - CHAIR'S MESSAGE



Welcome to the 20th Anniversary of the A.D Latornell Conservation Symposium! Once again the conference committee has been hard at work to bring you an exceptional program – not only in the content of the sessions but also of our keynotes, menu, facilities and entertainment.

The theme this year is resilience – the ability to adapt to change. It is fitting in so many ways. When we picked it last winter, little did we know that we would have four large flood events in Canada in 2013 reminding us that communities need to build resilience into their infrastructure in order to be able to withstand and recover from such events. Several sessions have been devoted this year to flood management and our Keynote Gord McBean will address resilience to catastrophic events. Friday lunch speaker Astronaut Chris Hadfield will provide insights on our world from a more 'elevated' perspective.

Since it is our 20th anniversary, we felt it was fitting to provide a bit of a retrospective on where we have been over the past couple of decades. There are several sessions helping us to look back. These sessions should be required content for new conservation professionals.

With all milestone anniversaries, we look back and forward to determine what we should change and what works well. Last year we started a process called Latornell 360, a strategic review of the Symposium. Many of you took the time to fill out questionnaires and provide your feedback in focus groups. We have used this information to help us determine the path for the next decade of Latornell. The great news is that the conference continues to meet your needs. Nevertheless, in keeping with Art Latornell's vision, we have introduced a mentoring program this year. In the coming years, many of our conservation community will be retiring and the next generation will be taking over. Everyone can use a helping hand, from introductions to feedback. Think back to someone who helped you in your career and let's pay it forward! So look for the 'let's talk' badges and introduce yourself to someone new; sit with someone you don't know at lunch and strike up a conversation! Take it a step further and join the mentoring match program. Stop by the mentoring café to learn more and tell us your story.

The Pioneer awards have also undergone a makeover – we are launching the 'Latornell Leadership Awards' this year and acknowledging that leadership in conservation can come at many stages in a person's career.

And finally, we all need a new look and this year we will launch a redesigned logo and streamlined name for the conference – Latornell Conservation Symposium

It has been an honour to be the chair for the past two years and as I pass the torch to Hazel Breton of the Hamilton Conservation Authority I would like to take the opportunity to thank the delegates, sponsors, exhibitors and organizing committee for continuing the make A.D. Latornell Conservation Symposium the largest and best environmental conference in Canada!

A handwritten signature in black ink that reads "Deborah Martin-Downs". The signature is fluid and cursive.

Deborah Martin-Downs

Chair 2013 A.D. Latornell Conservation Symposium

A.D. LATORNELL CONSERVATION SYMPOSIUM



The namesake of the A.D. Latornell Conservation Symposium is Arthur D. Latornell, a pioneer and leader in the development of Ontario's conservation sector. A forward thinking and dedicated conservationist, Art Latornell had a long career in Planning and Development at the Ministry of Natural Resources, he was associated with the Federation of Ontario Naturalists, and he was the president of the Ontario Soil and Water Conservation Society (Ontario Chapter).

Mr. Latornell was a strong supporter of Conservation Authorities and a mentor to many young conservation professionals.

The University of Guelph manages the Latornell Endowment Fund and has provided a contribution to the 2013 A.D. Latornell Conservation Symposium.



LATORNELL CONSERVATION SYMPOSIUM LOGO



In celebration of its 20th anniversary this year, the Symposium is unveiling a new logo. While adopting a more modern look and colours, the logo still maintains the previous tree symbol which represents the conservation of our natural resources. Furthermore, the trunk contains the profile of two people – a young conservation professional and a mentor, representing the important role for experienced conservationists to assist in the development of younger conservationists.

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 Student and a Professional/Practitioner. Art Latornell was involved in virtually every aspect of resources management in Ontario during his lifetime and was a role model for many beginning a career in conservation. These recipients exemplify Art and the SWCS by promoting and practising an ethic which fosters the science and art of soil, water and related natural resource management to achieve sustainability.



Winners of this Award receive a full one-year membership to SWCS, a cash award of \$600 and a one-day registration to the A. D. Latornell Conservation Symposium. This year's Award recipients are **(see next page)**:



A.D. LATORNELL AWARD OF MERIT CONTINUED

STUDENT CATEGORY

Peter Nowell, M.Sc. Candidate, Environmental Sciences, University of Guelph

Peter completed his Bachelor of Science Degree in Earth Surface Science with a minor in Geographic Information Systems and Environmental Analysis in 2012 from the University of Guelph. His interest in soils was piqued and solidified through several seasons work experience with Land Resource Specialists at the Ontario Ministry of Agriculture, Food and Rural Affairs.

As a capstone to his undergraduate degree he travelled to the SWCS 67th Annual International Conference in Fort Worth, Texas to present his honours thesis. He was impressed by meeting those who share his passion for communicating the importance of soil and water stewardship. He is developing his interest further through a Master of Science program where he is researching soil mineralogy and phosphorus dynamics in relation to soil erosion and water quality. His goal is to apply his education and experience to develop new methods and systems to reduce environmental risks, particularly the loading of phosphorus into precious freshwater resources. Outside of academics, Peter enjoys traveling and is currently a Peer Mentor with the Pursuit Project at the University of Guelph.

PROFESSIONAL/PRACTITIONER CATEGORY

Jocelyn Baker, B.A., Watershed Stewardship Manager, Niagara Peninsula Conservation Authority

As manager of the Watershed Stewardship Department, Jocelyn combines her expertise in water quality monitoring, analysis, problem identification and remediation to implement 'shovel- in-ground', innovative stewardship projects. Her team has successfully implemented over 2000 projects throughout the Niagara Peninsula to address degraded water and habitat quality. In addition to implementing projects which reward private landowners for protecting the public interest (i.e. improved water quality and biodiversity), her stewardship division engages the Niagara Community in various stewardship outreach and education programs. These programs include Yellow Fish Road, Community Fisheries Programs, Envirothon, EcoSchools and the Canopies for Kids Program. The goal of these programs is to extend the conservation message to a broader audience, beyond the landowners who have the ability to undertake active projects.

After earning a B.A. in Geography and Fine Arts from the University of Guelph she

completed the Terrain and Water Resources Technician Program at Sir Sandford Fleming College. She began working for the NPCA in 1994 as Water Quality Technician, while concurrently earning a diploma in Geographic Information Systems from Mohawk College. In 1999 she took on dual roles as Water Quality Supervisor and Coordinator for the Niagara River Remedial Action Plan (RAP) before becoming Watershed Stewardship Manager in 2001.

Jocelyn is an inspiration to her staff as she is the first one to pick up a shovel or the phone to make a project happen. She never shies away from the tough stakeholder conversations as she believes these are the key to education and engagement. She moves easily between conversations with farmers, politicians, government staff and representatives of local non-profits. "She sees a place for everyone at the conservation table and will find you a job to do." She is a champion of voluntary stewardship and has empowered the community to take advantage of the opportunities offered.

SOIL AND WATER CONSERVATION SOCIETY SPECIAL GUEST

Mr. Dan Towery, B.S., President of Soil and Water Conservation Society; Vice President of NICHES Land Trust

We are pleased to have Dan Towery with us for the 20th A.D. Latornell Conservation Symposium. Dan operates Ag Conservation Solutions in Lafayette, Indiana which focuses on no-till, cover crops, nutrient management and soil health throughout the USA Midwest. Current clients/projects include the Indiana Conservation Cropping Systems Initiative, the Oregon Ryegrass Growers Seed Commission and the Conservation Technology Information Centre. Dan has authored several publications on a "systems" approach which also addresses an economic perspective and the farmer's profitability. Dan, prior to operating Ag Conservation Solutions, was employed by the USDA Natural Resources Conservation Service (NRCS) for 25 years. The last ten years of this period he was assigned to the Conservation Technology Information Centre (CTIC) in Lafayette, IN, a national non-profit public/private organization. Dan has also served the role as State Agronomist for the NRCS, District Conservationist in several counties and mapped soils throughout Illinois.

Dan will be leading a special discussion session on Thursday organized and sponsored by the Ausable Bayfield Conservation Authority and the Ontario Soil and Crop Improvement Association (OSCIA). Welcome Dan!

2013 PROGRAM AT A GLANCE

day 1 **WEDNESDAY, NOVEMBER 20**

8:00 AM - 10:00 AM	Registration
9:30 AM - 10:20 AM	Welcome, Introductions and Opening Remarks » Deborah Martin-Downs , <i>Symposium Chair and Master of Ceremonies</i> » Dick Hibma , <i>Chair of Conservation Ontario</i> » Alastair J.S. Summerlee , <i>President and Vice-Chancellor, University of Guelph</i>
10:20 AM - 12:00 noon	Opening Plenary Session KEYNOTE SPEAKERS » Professor Gordon McBean , <i>Director, Policy Studies, Institute for Catastrophic Loss Reduction, Western University</i> » Dr. Neil Hutchison , <i>President, Hutchinson, Environmental Sciences Ltd</i>
12:00 noon - 1:45 PM	Luncheon LUNCHEON GUEST SPEAKER » Jeremy Gutsche , <i>Founder of TrendHunter.com</i>
2:00 PM - 3:30 PM	Concurrent Sessions » W1A: Upstream Impacts Downstream: Flood, Stormwater Management and Land Use Advice from Watershed Managers » W1B: Nutrients and Bacteria in Rural Waters, Where Does It Come From, How Do We Stop It? » W1C: Conservation Planning in a Changing World: Exploring the Past and Future of Conservation Planning in Ontario » W1D: Resilience 101 » W1E: Resilient Urban Landscapes 1: Changing Minds for a Changing World » W1F: Aquatic Species at Risk Protection and Recovery in Ontario » W1G: Turning Points in Conservation
3:30 PM - 4:00 PM	Refreshment Break
4:00 PM - 5:30 PM	Concurrent Sessions » W2A: To Monitor, or Not to Monitor, That Is NOT the Question: The Importance of Monitoring at the Watershed-Scale » W2B: Resilient Urban Landscapes 2: Advancing the Effective Application of LIDs » W2C: Creating Resilient Ecosystems through Municipal and Watershed Conservation Planning » W2D: Risky Business » W2E: Resilient Communities: Helping People Adapt to a Changing Climate » W2F: DFO and MNR Regulatory Changes - Implications to Conservation Authorities and Other Stakeholders » W2G: Latornell's Legacy - Using Mentorship to Enhance your Career
5:30 PM - 7:00 PM	Exhibitor Galleries Wine and Cheese / Scales Nature Park Live Exhibit
7:00 PM - 8:00 PM	Harvest Banquet Dinner » Soil and Water Conservation Society, A.D. Latornell Award of Merit
8:00 PM - 11:00 PM	Chart Your Own Course and Desserts in the Exhibit Halls (see pages 17 and 18) » 7 th Annual Hockey Summit » The Amazing Latornell Race » Latornell Road Hockey » Movie Night » Starlite Lounge
9:00 PM - 12:00 midnight	Hospitality Suite (Room 41)

2013 PROGRAM AT A GLANCE CONTINUED

day 2 THURSDAY, NOVEMBER 21

7:00 AM - 7:45 AM	Yoga (Room 40) (see page 20)
8:00 AM - 10:00 AM	Registration
8:30 AM - 10:00 AM	Concurrent Sessions <ul style="list-style-type: none"> » T1A: The Nearshore Framework: A Roadmap for the Future » T1B: Monitoring Programs - What Does the Future Hold? » T1C: "The Best Things in Life Aren't Things" – Biodiversity Conservation Strategies » T1D: Ecosystem Services and Green Economy – Setting the Context » T1E: Resilient Agriculture 1: Stewardship in a Changing Economy » T1F: Emerging Forest Management Challenges and Opportunities » T1G: Decision Support
10:00 AM - 10:30 AM	Refreshment Break
10:30 AM - 12:00 noon	Concurrent Sessions <ul style="list-style-type: none"> » T2A: Phosphorus Management: Developing Loading Targets and Strategies to Reduce Loads » T2B: Source Water Protection: How to Talk Science and Technology so Everyone Understands » T2C: Conservation Land Securement » T2D: The Conservation Authority Role in the Green Economy » T2E: Resilient Lakesides: Stewardship at the Cottage » T2F: Success Stories in Stream Restoration » T2G: Excellent Customer Service
12:00 noon - 1:45 PM	Latornell Leadership Awards Luncheon <ul style="list-style-type: none"> » Honourable Jim Bradley, Minister of the Environment » Don Pearson, Master of Ceremonies
2:00 PM - 3:30 PM	Concurrent Sessions <ul style="list-style-type: none"> » T3A: Collaborative Adaptive Management Plan for Addressing Extreme Water Levels » T3B: Tour of Nottawasaga Inn Wastewater Treatment System » T3C: Planning, Monitoring and Implementation of Road Ecology: Solutions for Ontario's Roads » T3D: Green Economy in Action 1: Policies Tools and Case Studies » T3E: Resilient Rural Landscapes: The Evolving Use of the Ontario Landowner Stewardship Guide » T3F: Key Components in Wetland Restoration: From Policy to Practice » T3G: Discovery and Accessibility
3:30 PM - 4:00 PM	Refreshment Break
4:00 PM - 7:00 PM	Student Poster Display and Competition
4:00 PM - 8:00 PM	Dream Auction
7:00 PM - 9:00 PM	Gala Banquet
8:00 PM - 9:00 PM	The Annual Thursday Night Entertainment <ul style="list-style-type: none"> » Comedy Performance by Graham Chittenden
9:00 PM - 12:00 midnight	Hospitality Suite (Room 41)

The following events take place in the Conservation Dome:

Welcome and Introductions, all Plenary Sessions and Keynote presentations, all meals, Latornell Leadership Awards Ceremony, Student Poster Display, Silent Auction, Gala Banquet, Early Bird Conservation Breakfast, Young Conservation Professional Graduation and the RBC Foundation Friday Luncheon featuring Chris Hadfield

2013 PROGRAM AT A GLANCE CONTINUED

day 3 FRIDAY, NOVEMBER 22

7:00 AM - 10:00 am	Registration
7:00 AM - 7:30 AM 7:30 AM - 8:15 AM	Early Bird Conservation Breakfast KEYNOTE SPEAKER » Sue Bowe McKee , Leadership Unleashed
8:30 AM - 10:00 AM	Concurrent Sessions » F1A: Grand River Water Management Plan: Building Resilience through Collaborative Water Governance » F1B: Floodplain Management, Does History Still Inform The Future? » F1C: Spread of Invasive Species » F1D: Green Economy In Action 2: Policies, Tools and Case Studies » F1E: Resilient Agriculture 2: Stewardship Education on and off the Farm » F1F: New Tools and Techniques in Habitat Restoration » F1G: Planning For Climate Resilient Communities
10:00 AM - 10:30 AM	Refreshment Break
10:30 AM - 12:00 noon	Concurrent Sessions » F2A: Grand River Water Management Plan: Building Resilience for River Health » F2B: Floodplain Management, Does History Still Inform The Future? » F2C: How Plant and Animal Communities Are Changing Throughout Southern Ontario: Status and Trends in Wetlands, Woodlands and Urban Features » F2D: Businesses, Green Economy and Natural Capital – Setting Standards » F2E: Resilient Futures: Stewardship Education for the Next Generation » F2F: Environmental Compensation in Development Review – No Longer a Last Resort » F2G: Green Infrastructure For Resilient Communities
12:00 noon – 2:00 PM 12:00 noon – 1:00 PM 1:00 PM – 2:00 PM	RBC Blue Water Project Friday Luncheon Young Conservationists Luncheon and Graduation » Tribute to Young Conservation Professional Program KEYNOTE SPEAKER » Chris Hadfield , Astronaut Former Commander of the International Space Station
2:00 PM - 2:15 PM	Wrap Up

The following events take place in the Conservation Dome:

Welcome and Introductions, all Plenary Sessions and Keynote presentations, all meals, Latornell Leadership Awards Ceremony, Student Poster Display, Silent Auction, Gala Banquet, Early Bird Conservation Breakfast, Young Conservation Professional Graduation and the RBC Foundation Friday Luncheon featuring Chris Hadfield



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. Why? Because we know investing in today will mean a better tomorrow. See for yourself at www.rbc.com/environment.

Helping build a better future.



RBC
Environmental
Blueprint™

2013 A.D. LATORNELL CONSERVATION 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 213 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 night's accommodations at the Nottawasaga Inn. This year, in honour of celebrating its 20th anniversary, the Symposium Committee has granted an additional 17 one day grants.

Individuals interested in applying for a 2014 Symposium grant are encouraged to do so at www.latornell.ca/grant.html.

SUCCESSFUL CANDIDATES OF THE 2013 GRANT PROGRAM	
Alexandra Meeker	Maria Shallard
Amy Tenbult	Bonnie Jean Ward
Ashley Jackson	Cheryl Davey
Bob Isenberger	Deirdre Connel
Brea Kroeker	Mabel Wong
Clare Mitchell	Elena Christy
Victoria Thomas	Erin Liljestrand
Emma Horrigan	Siobhan Ewert
Felix Whitton	Jan Sotocinal
Heather Lee	Jenny Simons
Rachel White	Julie Mallette
Jen Baker	Kate Dykman
Julia Burke	Windekind Buteau-Duitshaever
Laura Bell	Heather Wilton
Lindsay Maxim	Janelle Richards
Rebecca McQuaid	Holly Brose
Taylor Wynia	Jessica Kukac
Thea Silver	Jessica Steiner
Candice Harrison	

This event is

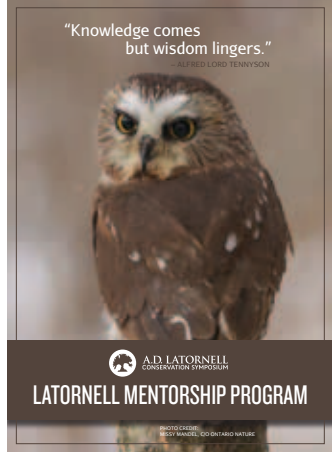

bullfrogpowered[™]
 with 100%
 green electricity

LATORNELL MENTORSHIP PROGRAM

Looking for a new networking opportunity? Interested in becoming a mentor or mentee in the Environmental Conservation Sector of Ontario? Consider joining the Latornell Mentorship Program! This program is being launched this year to help connect professionals in the Environmental Conservation Sector. Whether you are just starting in your career, are well established, or are considering a change, this program will facilitate connections between professionals to share experiences, strengthen career building and help build resilience in this sector.

While at the Symposium this year drop by the Mentoring Café between the exhibit halls on the lower level and share your experiences with interested colleagues, consider wearing a button (available at registration and at the Mentorship Café) that indicates that you are interested in connecting with other professionals, and consider signing up to participate in Mentorship Match, an opportunity to be linked with another interested colleague for a one year commitment to act as either a mentor or mentee starting in January 2014. Application forms for Mentorship Match can be found at www.bit.ly/ADLmentorship.

To learn more about the entire Latornell Mentorship Program and the activities being held throughout this year's Symposium visit: www.latornell.ca/mentorship.html.



WE ARE PLEASED TO PLANT TREES
In Honour of the Delegates of the 2013 Latornell Conference

Toronto: 415.646.1193
Toll Free: 1.877.646.1193
info@treesontario.ca
www.treesontario.ca



VISITING WITH EXHIBITORS

There are two areas where delegates can visit exhibitors during the A.D. Latornell Conservation Symposium. Exhibit Halls (A and B) 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, meals are served, and social events take place.

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

WEDNESDAY, NOVEMBER 20, 2013

8:30 AM – 11:00 PM	Exhibit Halls Open Hours
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 21, 2013

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

FRIDAY, NOVEMBER 22, 2013

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

SPECIALITY COFFEES AT THE MENTORING CAFÉ PRESENTED BY RBC FOUNDATION



Cappuccino and Espresso will be available on Wednesday at the Mentoring Café at the following times:

8:00 AM – 10:00 AM	Wake up call
5:30 PM – 7:00 PM	During the Wine and Cheese Reception
8:00 PM – 10:00 PM	During Chart your Own Course and Desserts

SCALES NATURE PARK COMES TO LATORNELL

Wednesday, November 20th from 5:30 PM – 7:00 PM in Exhibit Hall B



Scales Nature Park, located just south of Orillia, is a facility focused on Canadian reptiles, amphibians, and fish. The park's nature trails wind through a variety of habitats, and the nature centre features the most complete live collection of Canadian reptiles and amphibians in the country. These animals are used in hands-on educational programs on-site, and around the country- often through partnerships like the Reptiles at Risk on the Road project. Another recent project is the Georgian Bay Turtle Hospital, to be located at the south end of the park. When completed, this will be a centre for rehabilitation, stewardship, and research. Already, it has spawned a turtle research project (Saving Turtles at Risk Today) in Muskoka, which we hope to expand into the Lake Simcoe watershed in 2014. There are a lot of great things on the horizon, and our Facebook pages are a great way to keep up with what's going on!

10:30 AM TO NOON - PLENARY SESSION / KEYNOTE SPEAKERS



Professor Gordon McBean, *Director, Policy Studies, Institute for Catastrophic Loss Reduction, Western University*

Former Assistant Deputy Minister at Environment

Canada, Professor Gordon McBean is Co-Director of the Centre for Environment and Sustainability and Director of Policy Studies of the Institute for Catastrophic Loss Reduction at Western University, focusing on the multidisciplinary aspects of sustainability and disaster risk reduction. Dr. McBean is also the President-elect, International Council for Science and Chair of the Canadian Climate Forum and the Ontario Climate Consortium. He is a Member of the Orders of Canada and Ontario and Fellow of the Royal

Society of Canada, the Canadian Meteorological and Oceanographic Society and the Royal Canadian Geographical Society.

Building Resilience, Gaining Benefits – Adapting to Extreme Weather in a Changing Climate

The summer of 2013 saw the Calgary flood, displacing more than 100,000 people with four deaths, damage estimates about \$6 billion and insured losses exceeding \$1.7 billion, making it the costliest natural disaster event in Canadian history. Toronto's flash flood cost an estimated insured property damage more than \$850 million, a new record for Ontario. The climate is warming leading to more hot days, wild fires and heavy precipitation events and flooding. The presentation will discuss these phenomena, as well as resilience building strategies to minimize the social and economic costs and potentially gain benefits in some sectors.



Dr. Neil Hutchinson *President, Hutchinson Environmental Sciences Ltd.*

Dr. Neil Hutchinson has always felt an affinity to water, although his mother recalled that mud was a more apt description. He is the founder

and President of Hutchinson Environmental Sciences Ltd., eleven water quality scientists providing consulting services across Canada from offices in Bracebridge and Kitchener Ontario, and Edmonton, Alberta. He graduated with the first cohort of the Honours Ecology program from the University of Guelph in 1978 and returned to complete his Ph.D. in aquatic toxicology in 1984. He spent 14 years working on acidification, nutrient management and contaminants at the MOE's Dorset Research Centre and is forever indebted to Deborah Martin-Downs for bringing him to Gartner Lee Ltd. from 1998 to 2009.

When not working, Neil lives in a house full of women on the shore of an excellent snapping turtle lake in Bracebridge, Ontario with his wife Barb, three daughters, two dogs and too many blackflies in June. He is an accomplished singer, songwriter and flautist, and is always happy to escape to the water in his kayak, canoe or sailboat

Presentation: Back to the Future - Resistance or Resilience? Action or Adaptation?

Although we know changes will come it is important that environmental managers distinguish the need for adaptation from the need for leadership in actions and advocacy. Although adaptation is feasible it is piecemeal, addresses one problem at a time and focusses on managing the receptors. Proper environmental management requires a focus on the stressor, the prevention and avoidance of undesirable change, with system wide benefits. Should my efforts as a water quality scientist be focussed on adaptation to degraded water quality or on science and policies that will prevent such degradation?

I will review the water quality problems of my generation and the approaches to these challenges that lead to resolution – the success stories. In the process I will argue that environmental scientists must embrace challenges to prevent environmental degradation before succumbing to the inevitable challenge of adaptation.



LUNCHEON KEYNOTE SPEAKER

Jeremy Gutsche, TrendHunter.com

Jeremy Gutsche is an innovation expert, the award-winning author of *Exploiting Chaos*, "one of North America's most requested keynote speakers", a judge on BNN's tv show, *The Pitch*, and the founder of TrendHunter.com, the world's largest, most popular collection of cutting edge trends, attracting nearly 1 BILLION views.

Jeremy studied innovation at Stanford, received his MBA from Queen's University and graduated as a Chancellor Scholar in finance from The University of Calgary, where he was later awarded Graduate of the Decade. Prior to Trend Hunter, he grew a \$1 Billion portfolio of products at Capital One, as one of their youngest business directors. He is routinely sourced by the media, from *The Economist* to CNN and Entertainment Tonight to *The New York Times*. He has been described as "a new breed of trend spotter" by *The Guardian*, "an eagle eye" by *Global TV*, an "Oracle" by *The Globe and Mail*, an "intellectual can of Red Bull" by *Association Week* and "on the forefront of cool" by *MTV*.

day one

Integrated Watershed Management

W1A - ROOM 15

Upstream Impacts Downstream: Flood, Stormwater Management and Land Use Advice from Watershed Managers

Watershed Managers provide technical advice to decision-makers in the land use planning process and have been examining the upstream and downstream inter-relationships with regard to such considerations as climate change, floods, stormwater management, and water quality. This session explores how this advice has been evolving from two highly urbanizing perspectives and one rural perspective.

- Learning from Our Mistakes and Building Upon Successes
Philip James
(Credit Valley Conservation)
- An Assessment of the Impact of Urban Expansion on Downstream Flood Risk and Implications for Stormwater Management
Fabio Tonto
(Toronto and Region Conservation Authority)
- Implications of Rural Stormwater Management Modeling to Land Use Decision-makers and Regulators
Geoff Cade
(Ausable Bayfield Conservation Authority)

Water

W1B - ROOM 10A

Nutrients and Bacteria in Rural Waters, Where Does It Come From, How Do We Stop It?

A look at how land use practices and new findings may impact water quality and human health.

- Framework for a Farm Source Water Protection Assessment
Charles Lalonde
(Ontario Federation of Agriculture)
- Effects of Tillage Practices on Annual Runoff and Phosphorous Export from Agricultural Drainage Tiles in the Lake Simcoe Watershed
Dr. Merrin Macrae
(University of Waterloo)
- Rural Well Water Contamination and Human Health: An Investigation in Eastern Ontario
Geoffrey Hall
(Queens University)

Natural Heritage and Biodiversity

W1C - ROOM 10

Conservation Planning in a Changing World: Exploring the Past and Future of Conservation Planning in Ontario

Conservation planning has adapted in response to new challenges, information and technologies. This session will provide a critical overview of changes in the approach to conservation planning in Ontario and will explore the emerging needs and challenges of decision-making in complex social-ecological systems.

- From Representation to Resilience: The Past and Future of Conservation Planning in Southern Ontario
Dan Kraus
(Nature Conservancy of Canada)
- Temporal Challenges of Ecological Input to Land Management Decisions
David Stephenson
(Natural Resource Solutions Inc.)
- Reconceptualizing Urban Biodiversity: Toronto and Region Conservation Authority's Evolving Approach to Urban Landscape Ecology
Meaghan Eastwood
(Toronto and Region Conservation Authority)

2:00 PM - 3:30 PM



Resilient by Nature

Environmental
Stewardship and
Education

Resources
Management -
Restoration and
Rehabilitation

Vision 2020: The
Latonnell Legacy

W1D - ROOM 18

W1E - ROOM 4

W1F - ROOM 5

W1G - ROOM 6

Resilience 101

Resilience thinking is an emerging field. In this session we will explore the science and theory of resilience and some of the tools for practitioners. This will provide the foundation for those wishing to incorporate more of this thinking into their projects.

**Moderated by
Dan McCarthy**
(University of
Waterloo)

- Resilience Thinking and the Implications for Conservation Policy and Practice
Mark Andrachuk and Derek Armitage
(University of Waterloo)
- Resilience Assessment in Practice: What Have We Learned and How Might It Inform Conservation in Ontario?
Allyson Quinlan
(Resilience Alliance)

Resilient Urban Landscapes 1: Changing Minds for a Changing World

With heavier than normal rainfalls and increasing hard surfaces in urban environments, overloaded stormwater systems have led to costly infrastructure repairs and severe environmental damages to waterways. Low Impact Development (LID) uses small, simple design techniques and cost-effective landscape features that allow water to infiltrate, filter, store, evaporate, and detain runoff located at the lot level. This session will explore tools being used to entice landowners to complete LID projects on their properties.

- Breaking Down the Barriers to Adopting LID's on Private Land
Joanne Jeffery
(Toronto and Region Conservation Authority)
- Saturating the Message of Water Conservation
Pam Lancaster
(Ganaraska Region Conservation Authority)
- Harnessing the Emotional Response: Lessons Learned in LID Landscaping and Marketing
Kyle Vander Linden
(Credit Valley Conservation)

Aquatic Species at Risk Protection and Recovery in Ontario

Issues, advances, and ongoing efforts to protect and recover precious aquatic species as risk under the federal *Species at Risk Act* will be the focus of this session. Hear about important information on the recent legislation, program and research updates related to the protection and recovery of fishes and freshwater mussels in southern Ontario.

- Update on Species at Risk Protection and Recovery in Ontario
Dave Balint
(Fisheries and Oceans Canada)
- New SARA Listed Mussels: Biology and Critical Habitat of the Eastern Pondmussel, Rainbow and Mapleleaf
Shawn Staton
(Fisheries and Oceans Canada)
- Science in Support of the Aquatic Species at Risk Recovery Program in Ontario
Jason Barnucz
(Fisheries and Oceans Canada)

Turning Points in Conservation

Conservation practices have changed over the past decades due to a number of defining moments, including changing governments, legislative or policy directions and ecological understanding. In this session we will look back at some of these defining moments as they have influenced conservation today and for tomorrow. This session will provide a great foundation for those making their career in conservation.

- Conservation Authority Turning Points
Russ Powell
(Central Lake Ontario Conservation Authority)
- Conservation through Integrated Watershed Management: Key Legislative and Policy Turning Points in the Past 20 Years
Bonnie Fox
(Conservation Ontario)
- Ecological Turning Points
Deb Martin-Downs
(Credit Valley Conservation)

day one

Integrated Watershed
Management

Water

Natural Heritage and
Biodiversity

W2A - ROOM 15

W2B - ROOM 10A

W2C - ROOM 16

To Monitor, or Not to Monitor, That Is NOT the Question: The Importance of Monitoring at the Watershed-Scale

Human activities and natural resources cannot be managed effectively at the watershed-scale until stressors are identified and their impacts are assessed. This session explores the importance of watershed-scale monitoring programs in Ontario, and how results can be used to guide management policies and strategies.

- Monitoring Ecosystem Resilience: The Current Status and Long-Term Health of the Credit River Watershed
Loveleen Clayton
(Credit Valley Conservation)
- Understanding and Monitoring the Long Term Effects of Aggregate Extraction on a Watershed Scale
Moreen Miller
(Ontario Stone, Sand and Gravel Association)
- Optimizing Water Quality Monitoring Program
Dr. Astrid Michels
(BluMetric)

Resilient Urban Landscapes 2: Advancing the Effective Application of LIDs

This session is a continuation of Session W1E which looks at the experiences of the CVC and lessons learned in the advancement of LIDs. Learn about CVCs guidance material on the construction of LIDs and how they have successfully engaged stakeholders to embrace the implementation of LIDs.

- Developing Effective LID Retrofit Guidance Documents for Audiences with Varying Needs and Resources
Chris Despins
(Credit Valley Conservation)
- "In the Ground" LID Practices in Ontario - Experiences in Planning, Design, Construction and Performance
Chris Denich
(Aquafor-Beech)
- Building Capacity for LID Construction in Ontario: Incorporating In-the-ground Experience and Lessons Learned into Guidance Documents, Tools and Training Materials
Robb Lukes
(Credit Valley Conservation)

Creating Resilient Ecosystems through Municipal and Watershed Conservation Planning

This session explores science-based recommendations made to conserve and restore habitat features and functions for wildlife in settled landscapes, tools for strengthening natural heritage system planning policies and the creation of a natural heritage system for one of the most rapidly urbanizing regions in southern Ontario, the Credit River Watershed.

- How Much Habitat is Enough? Release of the 3rd Edition
Graham Bryan
(Canadian Wildlife Service - Environment Canada)
- Natural Heritage Systems Planning: Ontario's Best Practices
Joshua Wise
(Ontario Nature)
- Credit River Watershed Natural Heritage System – Building Watershed Resilience through Integration of Aquatic and Terrestrial Components
Dr. Aviva Patel
(Credit Valley Conservation)

4:00 PM - 5:30 PM



Resilient by Nature

Environmental Stewardship and Education

Resources Management - Restoration and Rehabilitation

Vision 2020: The Latonnell Legacy

W2D - ROOM 5

W2E - ROOM 4

W2F - ROOM 10

W2G - ROOM 6

Risky Business

Extreme weather, climate change, drought and floods present risks to the communities we serve and our conservation business. How to define the risk and determine the acceptable level of tolerance given the resources available? This session will challenge us to think about our business and illustrate how others are approaching risk. Our speakers will talk about urban flooding, river flooding and the legal implications.

- Defining Flood Risk in the GTA
Laurian Farrell
(Toronto and Region Conservation Authority)
- Rain Rain Go Away - Toronto's Approach to Urban Flooding Risk Reduction and Mitigation
David Kellersohn
(City of Toronto)
- Year of the Flood: Building Resiliency Through Legal Risk Management
Laura Zizzo
(Zizzo Allan Professional Corporation)
- Extreme Climate - A Bank's Perspective
Andrew Craig
(Royal Bank of Canada)

Resilient Communities: Helping People Adapt to a Changing Climate

Abnormal is the New Normal because of climate change. This session explores various campaigns to educate and inspire citizens to take action to create more resilient communities in the face of ever-changing environmental conditions.

- Having the Climate Conversation: Communicating Resilience
Nick Weigeldt
(ICLEI - Local Governments for Sustainability)
- Let Your Green Show - Public Awareness Campaign for Peel Climate Change Strategy
Brenda Osborne
(City of Mississauga)
- Growing A Green Infrastructure
Mark Funk
(Trees for Mapleton)

DFO and MNR Regulatory Changes - Implications to Conservation Authorities and Other Stakeholders

Recently there have been many changes affecting how DFO and MNR implement and administer legislation. DFO will present on changes to the implementation of Section 35 of the Fisheries Act, their implications and future considerations. MNR will present on changes to the first group of approvals that are being modernized under the Endangered Species Act and the Fish and Wildlife Conservation Act.

- Update on Drain and Species at Risk Mapping Tools
Jenn Thomas
(Fisheries and Oceans Canada)
- Changes to the Fisheries Act: Serious Harm, Commercial Recreational and Aboriginal Fisheries. Application of the Act and DFO's Triage Process
Tom Hoggarth and Jenn Thomas
(Fisheries and Oceans Canada)
- Modernizing Approvals: A Resilient and Responsive Process
Afsana Qureshi
(Ministry of Natural Resources)

Latonnell's Legacy – Using Mentorship to Enhance your Career

Everyone needs someone to help get their career underway - and sometimes to get to the next level. This year a new mentorship program has been initiated as part of the A.D. Latonnell Conservation Symposium. This session will discuss the benefits of mentorship and how it can enhance your career. It will also introduce you to examples of existing mentorship programs that are currently being run and how you can get involved!

- PLANT: Growing Tomorrow's Afforestation Expertise Through Mentorship and Training
Al Corlett
(Trees Ontario)
- Launching Careers Through Mentoring
Srna Stambuk
(Toronto and Region Conservation Authority)
- ADL Mentorship Program
Lisa-Beth Bulford
(ADL Mentorship Program Steering Committee)

day one

WINE AND CHEESE + CHART YOUR OWN COURSE EVENT

5:30 PM– 7:00 PM Scales Nature Park @ Latonnell 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 Resort & Conference Centre on Wednesday, November 20th 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. Latonnell 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 20th. 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 12 bottle Wine Rack with a selection of fine Ontario wines.

8:00 PM – 11:00 PM Chart your Course Event

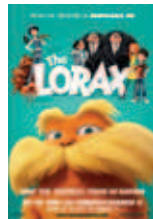
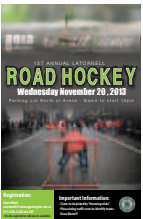
Following dinner on Wednesday evening delegates have a choice of activities:

- 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. Sign in time starts at 9:30 PM – Bring your own equipment.)
- Join in The Amazing Latonnell Race - Season two!
(Location: Meet in Room 15 at 8:30 PM for instructions.)



NEW THIS YEAR

- **Join in.** The first anniversary old fashioned street hockey game
(Location: Meet in the arena parking lot – 10:00 PM start)
- **Catch a movie.** There will be two movies you can choose from: Chasing Ice and The Lorax:
(Location: Meet in Amphitheatre 1 and 2 – located beside Room 10 – 9:00 PM start)
- **Chillax** after a day of sessions at the Starlite Lounge
(Location: Starlite Lounge is located on the 3rd floor, past the tuck shop any time after 8:00 PM)



10:30 PM – 12:00 midnight Hospitality Suite in room 41



CHART YOUR OWN COURSE EVENTS DESCRIPTION

Desserts in the Exhibit Hall

Desserts will be served in the Exhibit Hall. Continue to Mix and Mingle with Exhibitors until 10:00 PM

7th 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. The Latornell Hockey Summit takes place on Wednesday evening. Sign in begins at 9:30 PM and the game starts at 10:00 PM.

The Amazing Latornell Race

Experience the Nottawasaga Inn Resort from one end to the other. Seek and find, brain teasers, take-a-picture and so much more! It's all about the strategy...but don't forget to keep an eye on the clock...time is NOT on your side. It's going to be AMAZING!

The Amazing Latornell Race takes place on Wednesday evening from 9:00 PM to 10:00 PM. Registration opens at 8:30 PM and the race starts at exactly 9:00 PM. Don't be late!

Latornell Road Hockey

The A.D. Latornell Conservation Symposium is pleased to offer a new Chart Your Own Course activity. Delegates are invited to participate in Latornell Road Hockey. The Latornell Road Hockey game takes place on Wednesday evening. The game starts at 10:00 PM, which means you can participate in both the Amazing Latornell Race and Latornell Road Hockey. Bring your stick, an orange safety vest, and warm clothing, and come out to the parking lot north of the arena for a bout of road hockey. No skills or skates needed!

Movie Night

Chasing Ice and The Lorax will be screened on Wednesday at 9:00 PM. Meet in Amphitheatre 1 and 2 – located beside Room 10.

Chasing Ice Synopsis: In the spring of 2005, acclaimed environmental photographer James Balog headed to the Arctic on a tricky assignment for National Geographic to capture images to help tell the story of the Earth's changing climate. Even with a scientific upbringing, Balog had been a skeptic about climate change. But that first trip north opened his eyes to the biggest story in human history and sparked a challenge within him that would put his career and his very well-being at risk.

The Lorax Synopsis: In the walled city of Thneed-Ville, where everything is artificial and even the air is a commodity, a boy named Ted hopes to win the heart of his dream girl, Audrey. When he learns of her wish to see a real tree, Ted seeks out the Once-ler, a ruined old businessman outside of town in a stark wasteland. Upon hearing of how the hermit gave into his greed for profits and devastated the land over the protests of the Lorax, Ted is inspired to undo the disaster. However, the greedy Mayor of Thneed-Ville, Aloysius O'Hare, has made his fortune exploiting the environmental collapse and is determined to stop the boy from undermining his business.

Starlite Lounge

The Starlite Lounge is an ideal location for relaxing after a day of sessions and interacting with delegates. The warm lighting and comfortable couches and chairs are sure to entice you to enjoy a pint, an appetizer, cheer on your favourite team or indulge in an evening of lounging and chatting over martinis. You will find the Starlite Lounge tucked away on the 3rd floor, past the gift shop and up the stairs, providing a welcome space to retreat to at the end of a fulfilling Latornell day. Cards and board games will be made available. At the Starlite Lounge, you decide your experience.

2013



A.D. LATORNELL
CONSERVATION SYMPOSIUM

ré • sil • ience

THE ABILITY TO ADAPT TO CHANGE

RESULTS OF THE 2013 STRATEGIC REVIEW

LOOKING FORWARD TO THE NEXT 20 YEARS WITH THE A.D. LATORNELL CONSERVATION SYMPOSIUM

The A.D. Latornell Conservation Symposium strives to create a lively and inclusive forum for practitioners, policy-makers, and many others working in Ontario's watershed management sector to come together to network, share information, and learn from each other about the new tools and strategies being developed to tackle current and future challenges around natural resource management in Ontario.

This popular event is run by a large committee made up of a very successful combination of Conservation Authorities, government agencies, and environmental nonprofit organizations – all listed on the inside cover of this year's program. To celebrate the 20th anniversary of the A.D. Latornell Conservation Symposium, the organizing committee decided to do something that most conferences only aspire to, let alone actually undertake – a strategic review of the event.

Started last fall, the review was done in order to ensure the next 20 years would be as successful as the first 20 years. Since 1994, the Symposium has grown from 80 delegates to as high as almost 1,200. Today, we generally have between 880 and 1,000 delegates, exhibitors, speakers, and sponsors. The Symposium wanted to ensure that the event would continue to be a relevant, cost effective event that would meet the needs of its diverse audience.

A total of 142 people participated through an online survey conducted during and after last year's event and two focus groups. And what did we hear?

The Symposium is 'good value for the money'. This isn't surprising when you can offer 49 sessions, 150 speakers, some of the most well known keynote speakers, and lots of networking opportunities.

The Symposium has a much sought after 'leveraged effect' and it actually impacts not just delegates, but others working in the watershed management sector. Almost all of the delegates we surveyed told us that they take information from the Symposium back to their office to share with their colleagues; they've often changed some aspect of their work as a result of something they've learned at the Symposium; and over half have also started new collaborations as a result of networking at the event.

As we researched the conference industry, we found that most events report a 20% decrease in attendance these days and are scrambling as to how to maintain their relevancy for their target audiences. The strength of the A.D. Latornell Conservation Symposium is that it knows its audience and focuses on developing a program and event that meets their needs. This formula has been very successful for the past 20 years and will continue to be important to maintain for the next 20 years.

However, this doesn't mean that we don't need to change some aspects in order to keep up with the delegates' needs. Some of the key lessons we've learned over the past year include:

- **Focus on Learning** – The primary reason for delegates to come to the Symposium is learning so our program needs to continue to align with current challenges and issues facing participants. Organizers will continue to track issues, concerns and priorities of participants. There is also an appetite for, more in-depth workshops, webinars, and possibly live streaming for those beyond the conference doors. We need to explore how to incorporate some of those approaches.



RESULTS OF THE 2013 STRATEGIC REVIEW CONTINUED

- **Continue to Provide Good Networking Opportunities** – Networking is the number two reason why people say they attend the Symposium. Offering different types of networking opportunities throughout the conference helps to build collaborations and relationships.
- **Incorporate Technology** - People communicate and work differently today – they are always connected and use multiple types of technology and tools (webinars, podcasts, social media, etc.). Some of these same tools need to continue to be incorporated into the A.D. Latornell Conservation Symposium program.
- **Continue to Ensure the Symposium Provides Good Value for Money** - Organizers heard that the cost of attending the Symposium needs to be within reach of tight budgets. As a result, organizers are going to look at tweaking the current structure of the Symposium and offer three full days in order to appeal to people who can only come for one day. The Symposium will enable better sharing of registrations as well as provide website resources, podcasts and possibly occasional live streaming of presentations.
- **Keep Having Fun** - All conferences are finding that delegates at their conferences benefit significantly from having fun at these events. We've known this from the beginning. Our own event offers a Wine and Cheese night, hockey games, movie nights, yoga, hospitality suites, silent auction, and for the past two years – an amazing race. All are popular and should continue.

Moving forward, the A.D. Latornell Conservation Symposium will continue one of its key objectives – to support young conservation professionals by providing them with opportunities to participate in the event as moderators, through the Student Poster Call, as presenters, and on the organizing committee. The Symposium's move this year to support a more structured mentoring program will provide added benefit at our event and throughout the year.

It is very gratifying to receive such enthusiastic support for the A.D. Latornell Conservation Symposium and we hope that delegates will enjoy coming back again and again as we explore ways to incorporate some of the new ideas and, at the same time, continue to keep the event within the reach of our audience.

Jane Lewington, Conservation Ontario

Chris Hachey, Grey Sauble Conservation Authority and former Chair of the Symposium



Yoga

Join us for a free yoga class on Thursday, November 21st from 7:00 AM to 7:45 AM in room 40. BYO Mats - limited number of mats will be available if you don't have your own.

day two

Healthy Great Lakes

Water

Natural Heritage and
Biodiversity

T1A - ROOM 15

T1B - ROOM 10A

T1C - ROOM 10

The Nearshore Framework: A Roadmap for the Future

There are many agencies with some degree of responsibility for the nearshore area of the Great Lakes. To ensure their actions are coordinated, a collaborative science based approach to assessment, and priority setting is needed. This approach would ultimately lead to action plans supported by all stakeholders. This session will explore efforts to achieve this through the development of a Nearshore Framework for the Great Lakes.

- Introducing the Great Lakes Water Quality Agreement and the Nearshore Framework Commitment
Janette Anderson
(Environment Canada)
- The Nearshore Framework: Ongoing engagement and initial Framework Development
Peter Zuzek
(W.F. Baird and Associates Coastal Engineers Ltd.)
- Linking the Nearshore Framework with the Great Lakes Strategy and Action on the Ground
Carolyn O'Neill
(Ministry of the Environment)
- Moving Forward: A Facilitated discussion session on the Great Lakes Nearshore Framework and Great Lakes Strategy
Karen Wiancki
(Planning Solutions Inc.)

Monitoring Programs - What Does the Future Hold?

What makes a monitoring program effective? How can you make use of the "untrained" eye? How is the technology available changing?

- Collecting Valid Data Using Citizen Scientists
Charlotte Moore
(Natural Resource Solutions Inc.)
- Designing and Implementing Effective LID Monitoring Programs
Chris Despins
(Credit Valley Conservation)
- From Stream to Screen – Advanced Telemetry Options for Hydrology
Sheldon Foisy
(Forest Technology Systems, Ltd.)

"The Best Things in Life Aren't Things" - Biodiversity Conservation Strategies

A diverse ecosystem is a resilient ecosystem. Society changes our landscape and alters natural environments across the Province. This session will discuss how we manage and monitor the changes to ensure sustained biodiversity for the benefit of all. It will explore the ways in which our local communities can develop and implement Biodiversity Action Plans, learn about the preparation of the Biodiversity Strategies completed for the Great Lakes and provide an overview of the Province of Ontario's Plan to Conserve Biodiversity.

- Defining Biodiversity Management: How ICLEI Is Developing a Biodiversity Guidebook and Lessons Learned Along the Way
Nicole Marzok
(ICLEI - Local Governments for Sustainability)
- Great Lakes Biodiversity Conservation Strategies
Dan Kraus
(Nature Conservancy of Canada)
- An Introduction to Biodiversity: It's In Our Nature
Scott Poser
(Ministry of Natural Resources)

8:30 AM - 10:00 AM



Ecosystem Services and Green Economy	Environmental Stewardship and Education	Resources Management - Restoration and Rehabilitation	From Information to Understanding to Resilience
T1D - ROOM 5	T1E - ROOM 4	T1F - ROOM 6	T1G - ROOM 18

Ecosystem Services and Green Economy – Setting the Context

This session will set the context for the subsequent sessions within in this stream. What are Ecosystem Services, Natural Capital and the Green Economy? How do ecosystem services support resilience and what are the priorities in managing those services for resilience and human well being.

- How Mindfulness About Ecosystem Services Helps to Support Ecological-Economic Resilience
Eric Miller (York University)
- Priorities in Managing Ecosystem Services: What Implications for Resilience and Human Well-being
Marta Berbés-Blázquez (York University)
- Critical Ecosystem Services for Climate Resilience
Heather Auld (Risk Science International)

Resilient Agriculture 1: Stewardship in a Changing Economy

It's the economy, steward! This session will explore environmental stewardship in the face of a changing farm economy.

- Does Tenure Status Influence the Adoption of Conservation Practices?
Karthik Nadella (University of Guelph)
- Alternative Designs for Environmental Cost-Share Programs
Christine Schmalz (Ontario Soil and Crop Improvement Association)
- Motivating Agricultural Producers
Dr. Jonathan Winsten (Winrock International)

Emerging Forest Management Challenges and Opportunities

An examination of some emerging issues related to forest management including: practitioner certification needs; debate over the need for tree conservation by-laws; and the current challenges and opportunities to address invasive species.

- To Cut or Conserve? An Overview of Forest Conservation By-laws and the 2013 Debate in Chatham-Kent
Wayne Caldwell (University of Guelph)
- Evolving Professionalism in Forestry Practice
David Milton (Ontario Professional Foresters Association)
- Forest Management and Invasive Species
Dave Pridham (Kawartha Conservation)

Decision Support

Information fit for business purpose and associated tools are essential elements in any decision making framework. Come take a look at some of the innovative ways information related to watershed resilience solutions are being managed to enhance local decision support activities.

- Building Capacity in Decision Making: A Pilot Project for Contemporary Watercourse Mapping
Mary Lou Tanner and Katelyn Vaughan (Niagara Region)
- Assessing and Building Adaptive Capacity in the Lake Simcoe Watershed
Al Douglas (Ontario Centre for Climate Impacts and Adaptation Resources)

day two

Healthy Great Lakes

Water

Natural Heritage and
Biodiversity

T2A - ROOM 15

T2B - ROOM 6

T2C - ROOM 16

Phosphorus Management: Developing Loading Targets and Strategies to Reduce Loads

Despite evidence that total phosphorus loadings are near target levels that were once deemed adequate, algal blooms have become increasingly widespread. Recent data reveals a change in the nature and sources of the phosphorus entering the Great Lakes. This session will explore science and policy approaches being developed for future management of phosphorus in the Great Lakes.

- Developing Standards to set Phosphorus Targets for Agricultural and Urban streams in Ontario
Patricia Chambers
(Environment Canada)
- Understanding the Complexity of Urban Phosphorus Flows and Eutrophication in Lake Erie: Using Fuzzy Cognitive Maps to Tap into Diverse Expertise
Dr. Brad Bass
(Environment Canada)
- Improving Urban Phosphorus Management in the Lake Erie Basin: Policy Options and Strategies to meet Phosphorus Reduction Targets
Richard Nesbitt
(Hutchinson Environmental Sciences Ltd.)

Source Water Protection: How to Talk Science and Technology so Everyone Understands

What does the public really know about the science and implications of source water protection? These sessions review what goes into keeping water safe and the impact on our future.

- Don't Shoot the Messenger! Communicating the Science and Implementation of Source Water Protection
Angelika Masotti
(Regional Municipality of York)
- Source Protection - Fostering Program Resiliency – A Lake Erie Region Perspective
Martin Keller
(Grand River Conservation Authority)
- Capacity Building for Participation in Source Water Protection
John Fitzgibbon
(University of Guelph)

Conservation Land Securement

Southern Ontario has protected 3.8% of its land through parks and nature reserves. This is far below the 17% target set in Ontario's Biodiversity Initiative and puts southern Ontario almost last in the world in protecting its biodiversity. As partner support, partner involvement, land use and ownership changes, so must our definition of conservation land securement. This session will explore successes and challenges faced by regional land securement programs and how these programs need to be resilient in a changing landscape.

- Ontario's Tragedy of the Commons
Bob Barnett
(Escarpment Biosphere Conservancy)
- 20 Years of Land Securement: Reflecting and Looking Ahead
Robert Orland
(Orland Conservation)
- The Cootes to Escarpment Ecopark System: Protecting Natural and Cultural Heritage at the Head of Lake Ontario
John Hall
(Conservation Halton)

10:30 AM - 12:00 NOON



Ecosystem Services and Green Economy	Environmental Stewardship and Education	Resources Management: Restoration and Rehabilitation	From Information to Understanding to Resilience
T2D - ROOM 10A	T2E - ROOM 4	T2F - ROOM 10	T2G - ROOM 18

The Conservation Authority Role in the Green Economy

Conservation Authorities focus on and address watershed resiliency through a range of business functions. This session will open with an external perspective on the historical and potential role of Conservation Authorities as organizations for social innovation. Highlights of a current initiative to explore opportunities for Conservation Authorities in playing a role in advancing the Green Economy will be presented followed by a local example.

- Social Innovation and Conservation in Ontario
Ryan Ness (Toronto and Region Conservation Authority)
- Conservation Authorities in a Changing Economy-Green Economy Roadmap
Jo-Anne Rzakki (Conservation Ontario)
- "I Get by With a Little Help From My Friends": Partnering to Protect Our Water
Christine Zimmer (Credit Valley Conservation)

Resilient Lakesides: Stewardship at the Cottage

Cottage, camp, or permanent residences at the lakeside are a unique audience for stewardship. This session will examine how to engage and empower the network of people connected to lakes in stewardship and achieve more resilient lakeside ecosystems.

A Panel Discussion: "Stewards in Action – Bridges to the Waterfront Community"
Moderated by Terry Rees (Federation of Ontario Cottagers)

- Testing the Waters: Community Involvement in Long-Term Water Quality Monitoring on Kushog Lake
Emma Horrigan (U-links, Haliburton County Community Co-operative)
- Protecting Their Investment - Kawartha Lakes Waterfront Communities Collaborating Towards a Resilient Lake Environment
Brett Tregunno (Kawartha Conservation)
- Stronger Together - The Lake Networking Group of Eastern Ontario
Karen Hunt (Lake Networking Group)

Success Stories in Stream Restoration

What are the critical components of a successful stream restoration project? - learn from 3 recent case studies involving establishment of partnerships, innovative methods of evaluating potential risks and benefits and restoration techniques and joint stream restoration and flood mitigation measures.

- Improvements to Caribou Creek-Incorporating Stream Restoration into Storm Water Design at CFB Trenton
Andrew Mack (Defence Construction Canada)
- Construction Canada - To Re-Channelize or Naturalize: The Legacy of Urban Streams Comes to Bear
Christine Tu-Parker (Toronto and Region Conservation Authority)
- Lower Davis Creek Rehabilitation – The Final Implementation Stages of the Red Hill Creek Watershed Plan Below the Niagara Escarpment
Steve Chippis (AMEC)

Excellent Customer Service

The strategic management of information is predicated upon providing excellent value to both the organization, and its clients or customers. Come take a look at some of the innovative ways information related to watershed resilience solutions are being managed to create efficiencies in local operations.

- Climbing Mt. Everest Without A Sherpa: York Region Data Management System
Scott Lister (Regional Municipality of York)
- A System for Monitoring and Tracking Development Applications: "iDARTS"
Peter Colosimo (Regional Municipality of Niagara)
- Information Management through the Centre of Excellence Approach
Jeff Moxley (Ganaraska Region Conservation Authority)

day two

THURSDAY LEADERSHIP AWARDS LUNCHEON PROGRAM

12:50 PM to 1:05 PM – HONOURABLE JIM BRADLEY



Minister of the Environment

Jim Bradley was first elected to represent St. Catharines in the Ontario legislature in 1977, and has had the honour of holding several cabinet positions. He is currently the Minister of the Environment.

During his time as Minister of the Environment, he was an innovative leader in cleaning up pollution, and bringing the Blue Box recycling to millions of homes. As Minister of Transportation, Minister Bradley brought in legislation to toughen penalties against drunk driving, and he expanded public transit across Ontario.

Before his election to the legislature, Minister Bradley was a teacher with the Lincoln County Board of Education and has served as a member of the St. Catharines City Council.

As MPP for St. Catharines, Minister Bradley has been instrumental in securing infrastructure projects that are creating thousands of local jobs and transforming our local health, education and transportation systems. He has worked to get for St. Catharines the new state-of-the-art hospital and Walker Family Cancer Centre, six-laning the QEW, widening the 406, bringing GO trains and buses to Niagara, the Downtown Performing Arts Centre and the Marilyn I. Walker School of Fine and Performing Arts, and the Cairns Family Health and Bioscience Research Complex at Brock University.

Minister Bradley has a strong record of working on behalf of constituents, whether voicing their concerns at Queens Park, or delivering important infrastructure investments that are creating jobs in our community and helping our local economy turn the corner. He has established a reputation of delivering results for St. Catharines.

1:05 PM to 1:45 PM – LATORNELL LEADERSHIP 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.

From 1999 to 2012 the award winners were individuals who have contributed significantly over their entire lifetime (either professionally or as a volunteer). To commemorate the 20th Anniversary of the Symposium, it was decided to revise this award in order to also recognize individuals who made significant contributions at any time, for any duration – and not just over the course of their entire lifetime, as long as their achievements demonstrate leadership accomplishments. To reflect this, the award was renamed the Latornell Leadership Award.

Five people are being recognized this year for their extraordinary leadership, mentorship 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:



Don Pearson

General Manager/Secretary-Treasurer,
Lower Thames Valley Conservation Authority

Don Pearson joined the Lower Thames Valley Conservation Authority on January 1, 2013 following nearly 8 years as General Manager of Conservation Ontario. During his time with Conservation Ontario, Mr. Pearson served on the Natural Spaces Leadership Alliance, Trees Ontario, and the Ontario Biodiversity Council. He is presently a board member of Carolinian Canada, the Ontario Heritage Trust and the

Canadian Water Network.

From 1981 until 2003, Mr. Pearson was General Manager of the Upper Thames River Conservation Authority, where under his leadership the Authority earned a reputation for excellence and innovation in environmental management and community engagement. The Thames was designated as a Canadian Heritage River in 2000 with the strong support of the Upper Thames River and Lower Thames Valley Conservation Authorities.

Prior to joining Conservation Ontario, Mr. Pearson spent two years as Chief Administrative Officer of the County of Perth. He holds a Master's Degree in Public Administration from the University of Western Ontario and an Honours Science Degree from the University of Waterloo. He and his wife Cathy reside in London, Ontario.



2013 LEADERSHIP AWARD RECIPIENTS



Bill Dickinson, *Nominated by: Muskoka Conservancy*

- Has served as director and member for a myriad of organizations: Muskoka Heritage Foundation and Trust, Muskoka Watershed Council, Parry Sound Muskoka Stewardship Network, Algonquin Forest Authority and Muskoka Conservancy.
- Spearheaded and acquired the Upjohn Nature Reserve in 2011, comprising over 100 acres of mixed upland forest with two wonderfully diverse ponds.
- Created and leads a Technical Advisory Group (TAG) consisting of volunteer experts in various environmental fields, such as biology, hydrology and geology, to provide advice on land protection and preservation.
- Has been committed and successful in creating a positive network of people who permanently protect over 1800 acres of Muskoka's legendary landscape.



Jean-Marc Filion, *Nominated by: North Bay-Mattawa Conservation Authority*

- Advocate for the health and sustainability of aquatic ecosystems in the North Bay area watersheds, influencing environmental groups and decision makers.
- Has the ability to translate scientific findings to common language that help raise public awareness of the issues affecting the North Bay area watersheds, and does this in both official languages.
- Has served as President of Lake Nipissing Partners in Conservation, Secretary of North Bay Hunters and Anglers, and Vice-President/Newspaper Editor/Fisheries Chair of the Trout Lake Conservation Association.
- A most notable initiative is his work on the Invasive Spiny Water Flea, a species that significantly depletes the fish population in Lake Nipissing by eating its food supply.



Mike Garrett, *Nominated by: Toronto and Region Conservation*

- Has the distinction of having been the Chief Administrative Officer for the Region of York, City of Toronto and Region of Peel, for a total of 17 years with responsibilities including managing the delivery of water, wastewater, solid waste, welfare and public health services.
- Served in the Ontario Ministry of Natural Resources in senior roles, including Assistant Deputy Minister and Director of the Conservation Authorities and Water Management Branch.
- Was selected in 2008, in a volunteer effort with CESO, to provide advice to the people of Sampaloc, Philippines on managing and improving their water supply system and as a result, the town now has 24/7 access to water that is potable, high pressure and tested regularly.
- Is a man of the people and has aligned himself with projects that have reached and benefitted millions of people to date.



Peter Middleton, *Nominated by: Grey Sauble Conservation*

- Has been a naturalist for over 50 years and an outdoor education teacher, principal and guide, with 25 of those years spent at the Bruce County Education Centre.
- Known to be a fine interpreter of the natural environment as a nature guide, and has guided groups to many areas of the globe to observe birds, animals and plants.
- Is also a respected field ornithologist who, over the years, has contributed to many projects, including the Ontario Breeding Bird Atlas, North America Breeding Bird Surveys, Grey-Bruce Records Committee and Endangered Species Recovery Programs.
- Was one of the leaders and mentors for a project to protect the nesting areas at Sauble Beach for the Piping Plover, an endangered species.



Russ Powell, *Nominated by: CABAL – The Conservation Authorities Branch Alumni and Association of Retired Conservation Authorities staff*

- One of the individuals personally recruited by Art Latonnell.
- Has a distinguished career that has spanned more than five decades and has spent the majority of that time serving the people of Ontario through the Conservation Authorities program.
- Kick started Conservation Authorities programs and set them on solid political and financial footings, all while recruiting and mentoring Resources Managers.
- In 1998, initiated an aggressive land acquisition project across the jurisdiction, bringing together multi-level governments, foundations and non-profit organizations to leverage the financial resources for their purchase.

day two

Healthy Great Lakes

Water

Natural Heritage and
Biodiversity

T3A - ROOM 15

T3B - ROOM 18

T3C - ROOM 10

Collaborative Adaptive Management Plan for Addressing Extreme Water Levels

An adaptive management approach helps to address the uncertainties of climate change and the potential for extreme water levels and associated impacts. This session will focus on a new approach to addressing water level issues that is based on working collaboratively with partners in the Great Lakes-St. Lawrence River system to gather and share critical information over time, assess the information with state-of-the-art tools, measure our collective success in managing the impacts of extreme water levels and adapt accordingly.

- An Overview of the Proposed System-wide Adaptive Management Plan
Dick Hibma
(Conservation Ontario)
- Status of the Proposed Adaptive Management Plan and Linkages to other Great Lakes Initiatives
Wendy Leger
(Environment Canada)
- Collaboration on Science to Understand Climate Change Vulnerabilities in a Coastal Community: Port Credit
Chandra Sharma
(Toronto and Region Conservation Authority)

Tour of Nottawasaga Inn Wastewater Treatment System

Take a tour of the award winning Nottawasaga Inn Resort and Conference Centre wastewater treatment system. See how the water used at the Inn (as well as the golf course, and the 1500 homes around it) is treated, and what happens to it once it has been through the treatment process.

- **Peter Biffis**
(Nottawasaga Inn)

Planning, Monitoring and Implementation of Road Ecology: Solutions for Ontario's Roads

Ontario harbours both the highest biodiversity and road kilometres in Canada. Habitat fragmentation, motorist safety and advancement in species at risk legislation have contributed to a shift to mitigate road-wildlife crossings. This session will explore decision support tools to identify priority locations and discuss road ecology mitigation implementation and monitoring strategies while reviewing several key case studies.

- Road Ecology in Practice: Building Resiliency of Urban Ecosystems through Informed Road Network Planning
Dr. Namrata Shrestha
(Toronto and Region Conservation Authority)
- Designing Roads for Wildlife: a Case Study
Jackie Scott
(Central Lake Ontario Conservation Authority)
and Brian Ruck
(AECOM)
- Implementation, Monitoring and New Directions for Road Ecology in Ontario
Kari Gunson
(Eco-Kare International)

2:00 PM - 3:30 PM



Ecosystem Services
and Green Economy

Environmental
Stewardship and
Education

Resources
Management:
Restoration and
Rehabilitation

From Information
to Understanding to
Resilience

T3D - ROOM 10A

T3E - ROOM 4

T3F - ROOM 16

T3G - ROOM 6

Green Economy in Action 1: Policies Tools and Case Studies

This session provides an opportunity to explore and examine the range of policies and tools being considered and implemented to advance the green economy. Case Study presentations will highlight successes, what has been learned and what is needed by various sectors to advance the economy within the context of resilient sustainable ecosystems and societies.

- Green Energy and the Green Economy – Examination of the Green Energy and Green Economy Act/ Legislation
Mark Winfield
(York University)
- Capitalizing on Green Energy Opportunities-Quinte Conservation Experience.
Bryon Keene
(Quinte Conservation)
- Carbon Offsets as a Tool to Build Resilience in Western Ontario
Tom Prout
(Ausable Bayfield Conservation Authority)

Resilient Rural Landscapes: The Evolving Use of the Ontario Landowner Stewardship Guide

This session will build on last year's session on the Ontario Landowner Stewardship Guide with mini-presentations to introduce new content, examples and suggestions for delivery, implementation and funding. This will be followed by facilitated discussion with participants to share experiences and brainstorm solutions for innovation using real life examples.

**Facilitated by
Suzanne Barrett**
(Stewardship
Network of Ontario)

Presentations by:

- Introducing the New and Improved Rural Landowner Stewardship Guide
Paul Kraehling
(University of Guelph)
- Moving from Education to Action
Lisa Brusse
(Credit Valley Conservation)
- Innovations in Social Media and Funding Opportunities
Karen Landman and Mitchell Avis
(University of Guelph)

Key Components in Wetland Restoration: From Policy to Practice

This session will examine local, provincial and inter-national wide instruments and tools in wetland protection and restoration as well as an overview of lessons learned in a recent successful coastal wetland restoration project.

- Enhancement of Windermere Basin
Mark Bassingthwaite
(Cole Engineering Group)
- Supporting Local Wetland Conservation Through Continental Partnerships
Rebecca Zerán
(Ministry of Natural Resources)
- Building Landscape Resilience by Conserving Wetlands
Kevin Rich
(Ducks Unlimited)

Discovery and Accessibility

Business critical information can range from hard empirical data or simple contact info, even to media files capturing your stakeholder's beliefs and reflections. Come take a look at some of the innovative ways information related to watershed resilience solutions are being managed for discoverability and accessibility.

- Eastern CA Collaborative – "Sharing WISKI With Your Neighbours"
Christine McClure
(Quinte Conservation)
and Gord Moutenay
(Mississippi Valley Conservation)
- Tech Tools to Realize the Potential of Your Contacts and Networks
Raj Gill
(Canadian Freshwater Alliance)
- Reclaiming Our Water Commons
Paul Baines
(Great Lakes Commons Map)

day two

STUDENT POSTER DISPLAYS AND COMPETITION

4:00 PM to 7:00 PM

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 20 presenters are featured. They include:

NAME	AFFILIATION	POSTER PRESENTATION
Colin Khan	Queen's University	Enhancing Resilience in Complex Social-Ecological Systems: Social analysis of an Urban Forestry Campaign
Sarah Endicott	University of Waterloo	Predicting the Spread of European Buckthorn
Erin Murphy-Mills	Queen's University	Community-based water monitoring and management: Examining community-based water monitoring programs and activities in Nova Scotia and Southern Ontario
Yuestas David	York University	Using Field Measured Parameters with the SWAT Hydrological Model to Quantify Runoff at the Sub-Watershed Level
Geneva Starr	University of Guelph	Analysis of blue and green virtual water contents of crops in the Whiteman's Creek watershed and integration into regional water management assessments
Kriston Elton	University of Waterloo	Wildlife and Roadways: Examining the incorporation of wildlife management strategies into Ontario's road infrastructure
Kelsey Lang	University of Guelph	Integrating Food System Resiliency into Canadian Rural Regions
Sarah Epp	University of Guelph	Agricultural Resiliency at the Rural-Urban Interface
James Johnstone	University of Guelph	Classification of Municipal Water Systems in Southern Ontario
Noah Borges	University of Toronto	Spatial and Temporal Analysis of Invasive Species in the Niagara Escarpment Plan Area
Laura Bell	University of Waterloo	Mutualism in the Minesing wetlands: the relationship between the Hine's emerald dragonfly (<i>Somatochlora hineana</i>) and the digger crayfish (<i>Fallicambarus fodiens</i>)
Jenn McCallum	Trent University	Exploring farmers' motivations for wetland restoration in southern Ontario
Emily Drystek	University of Guelph	Phenotypic variation in natural metapopulations: the contribution of plasticity and genetic differentiation
Hannah Ormshaw	University of Toronto	Wetland Shrub Growth Response to Soil Moisture in the Context of Wetland Restoration
David Nisbett	University of Guelph	Impacts of Emerald Ash Borer (<i>Agrilus planipennis</i>) on Ontario riparian stream invertebrate communities
Diana Guerguieva	University of Toronto	Developing sustainable forest biomass supply chains for Aboriginal communities
Julie Mallette	York University	Planning for environmental health and social well-being in the Credit River Watershed
Clay McMullen	Queen's University	Changes in forest composition across the Frontenac Axis, Eastern Ontario, since 1796
Claudia Ciotir	Trent University	Contrasting patterns of phylogeography in disjunct populations of four plant species in Ontario highlight the relevance of genetic novelty to conservation assessments
Kelly Moores	University of Waterloo	Forest Health Based Scenario Building as an Accessible Tool for Climate Change Management in Bruce Peninsula National Park

THURSDAY, NOVEMBER 21, 2013



DREAM AUCTION

4:00 PM to 8:00 PM

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 Bose Portable Entertainment System – 1 card for \$20 [see below for details]

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

Some of this year's items include:

- Toronto Maple leaf Tickets
- Passes to Upper Canada Village
- Weekend Cottage Getaway
- Senators Hockey Tickets
- Algonquin Park Camping
- Free weekend visit at the Nottawasaga Inn
- Husqvarna Chain Saw
- Trees and Wildlife Prints and Art
- And much more!

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

A Bose Portable Entertainment System – for entertainment anywhere anytime

The Wave® music system III, the all-in-one system for all your music—now with even more convenience, more precise radio reception and more onscreen text information. Its system packages work with the ways we get our music today: Internet radio, smartphone apps, tablet, music from your computer—and whatever the future may bring. These additions can turn your Wave® music system III into a complete home audio hub.

Donated by:



All Dream Auction items are generously donated by individuals and organizations with a passion for conservation. 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 \$12,000 and we hope – with your help – to do just as well, or better, this year!



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 web site at: / Visitez notre site Web à :
www.dfo-mpo.gc.ca/

day two

THURSDAY PROGRAM DETAILS

7:00 PM – GALA BANQUET DINNER

8:00 PM – ENTERTAINMENT



Graham Chittenden is one of Canada's most sought-after performers, hosts, and writers. In 2012 and 2013, he performed at the Just for Laughs Festival, appeared on multiple episodes of the Comedy Network's Match Game, and made several appearances on CBC's The Debaters,

Previously, Graham has toured with Gerry Dee, Brent Butt, Bob Saget, and most notably traveled across Canada with John Pinette on his near-sold-out "Still Hungry Tour," and in the new year Graham will be embarking on a cross-country theatre tour of his own.

Graham's award-nominated comedy special still airs on CTV and the Comedy Network, and his most recent television work was a week-long talk show on Comedy Network where he sat down with likes of Aziz Ansari and Sarah Silverman to crack wise about the JFL42 Comedy Festival in Toronto.

PLANTING TREES ON BEHALF OF SYMPOSIUM PARTICIPANTS BENEFITS THE ENVIRONMENT

Over 4,000 trees will be planted in the Nottawasaga Valley watershed to help offset the emissions created by participants travelling to the A.D. Latornell Conservation Symposium. This unique partnership between Trees Ontario, the Nottawasaga Foundation, the Nottawasaga Valley Conservation Authority, and the A.D. Latornell Conservation Symposium has planted over 30,000 trees since 2006.

In addition to offsetting emissions, planting trees increases forest cover, improves water quality, moderates the effects of flooding and drought, prevents erosion and provides habitat for wildlife. Trees are also an important natural economic resource.

The Symposium is providing a \$3,000 grant which is matched by the Nottawasaga Foundation and provided to Trees Ontario who works with the Nottawasaga Valley Conservation Authority to plant the trees.



LATORNELLE GREEN BITES – WALKING THE TALK

New for 2013! As part of Greening the Symposium, the A.D. Latornell Steering Committee has added a school bus Shuttle Service from Downsview TTC Station to the Nottawasaga Inn and Convention Centre daily. Participants can jump on the school bus at the Downsview Station and travel to and from conference daily at \$10.00 per trip.

Other ongoing greening initiatives of the A.D. Latornell Steering Committee include:

- Encouraging shared transportation through the Latornell Carpooling Bulletin Board
- Planting 4,000+ trees annually to offset carbon dioxide emissions resulting from travel to and from the Symposium. Close to 30,000 trees have been planted in the Nottawasaga Watershed in the last 6 years.
- Partnering with Bullfrog Power to ensure that the 3 day event uses 100% clean, renewable energy
- Working closely with the Nottawasaga Inn, our venue, pledging that many of the menu items included are locally grown produce and farm raised products
- Following the Canadian Network for Environmental Education and Communication [EECOM] Green Conference Guidelines in all aspects of conference organization
- More and more use of teleconferences for Steering Committee meetings, subcommittee meetings and projects

WATER CANADA

THE COMPLETE WATER MAGAZINE



The only magazine dedicated to the entire Canadian water industry.

Reach the decision makers in key markets.

Contact us today.

watercanada.net

A better planet means a healthy environment for everyone

At the University of Guelph, the School of Environmental Design and Rural Development is building authentic communities where planners, leaders, communicators, designers, citizens and politicians play important roles in community strength. Through initiatives like the A.D. Latornell Conservation Symposium, the University of Guelph is building a better planet.



The BetterPlanet Project is a \$200-million campaign, inspiring breakthroughs that will improve quality of life for people around the world.

The BetterPlanet Project

UNIVERSITY OF GUELPH

CHANGING LIVES IMPROVING LIFE

Learn more at www.thebetterplanetproject.ca.

day three

FRIDAY PROGRAM DETAILS

7:00 AM – EARLY BIRD CONSERVATION BREAKFAST

Available only until 7:30 AM

7:30 AM – KEYNOTE SPEAKER

Sue Bowe McKee Leadership Unleashed



Sue Bowe McKee is a personal power guide for everyday leaders who want more resilience and strength as they make their impact on the world. Using her expertise in building personal and community resilience, Sue works with everyday leaders to uncover the blind spots that are holding them back so they can build a rock solid foundation and navigate any challenge with ease. Sue combines her corporate experience and unique coaching and training certifications to assist

leaders in getting off the burnout path and creating mental and emotional resilience.

Sue is a Board Certified Trainer of Neuro-Linguistic Programming (NLP), Hypnotherapy, Time Line Therapy® and NLP Coaching. She is also a Master NLP Coach, Master Hypnotherapist, and a Certified Professional Co-Active Coach. Sue is an experienced trainer and facilitator in the Cultural Transformation Tools®, the Team Diagnostic® Program, and the Transition Town Movement model. Sue spent 14 years in cross-functional roles within Unilever Canada, drawing on her Bachelor of Science Degree in Honours Applied Chemistry and her MBA. Sue's corporate experience in marketing, sales, internal audit and innovation, her decade of coaching leaders to be their best, and her own personal resilience journey provide her with a unique experience base from which to train and lead organizations and communities toward a more sustainable and resilient future.

Resilient Leadership: Adapt, Rebound, Transform

Change is the new normal. And everyday leaders need a resilience skillset in order to thrive when unexpected setbacks occur in our unpredictable times. Resilience in personal and professional leadership relies on key competencies such as adapting, rebounding, and transforming. Never before has flexibility and bouncebackability been so important as we face the global volatility of financial instability, extreme weather, and resource depletion. We will explore leading edge techniques to build mental and emotional resilience so that leaders can navigate uncertainty with joy, purpose and grace. Concepts from climate grief, eco-anxiety, neuro-science, success mindsets and mind-body technologies will be included.



Environment
Canada

Environnement
Canada

Environment Canada is a proud supporter
of the 2013 A.D. Latonnell Conservation Symposium.

Environnement Canada est fier d'appuyer
le symposium annuel A.D. Latonnell sur la conservation.

Visit our web site at: / Visitez notre site Web à :
www.ec.gc.ca



Ontario's Conservation Authorities

Not just another Pretty Place

Close to home and across the province, Conservation Authorities offer a wide range of natural settings and recreational experiences. They help protect important sources of water, provide green space and preserve Ontario's natural heritage.

ontarioconservationareas.ca



Foodland
ONTARIO

Good Things Grow in Ontario

Healthy people need healthy food. Farmers know that protecting watersheds is critical to healthy food production. Foodland Ontario is delighted to partner with the Nottawasaga Inn Resort & Conference Centre to support and feature healthy local food at the 2013 A.D. Latornell Conservation Symposium.

day three

Integrated Watershed
Management

Water

Natural Heritage and
Biodiversity

F1A - ROOM 10A

F1B - ROOM 15

F1C - ROOM 10

Grand River Water Management Plan: Building Resilience through Collaborative Water Governance

This session will explore the unique and innovative approaches that have been taken to develop a Water Management Plan that will evolve over time and NOT sit on the shelf. The approach is voluntary, collaborative and strategic.

- A Shared Approach to Water Governance
Joe Farwell
(Grand River Conservation Authority)
and Bill Bardswick
(Ministry of the Environment)
- Building a Strong Foundation for the Plan
Claire Holeton
(Grand River Conservation Authority)
and Tom MacDougall
(Ministry of Natural Resources)
- A Call to Action
Sandra Cooke
(Grand River Conservation Authority)
and Nancy Kodousek
(Regional Municipality of Waterloo)
- Collaborative Planning: A Retrospective
Lorrie Minshall
(Retired, Grand River Conservation Authority)

Floodplain Management: Does History Still Inform The Future?

Do the protocols of the past still make sense with today's changing climate, infrastructure and technology? This session looks at some of the emerging issues/concerns with floodplain management in Ontario, and how some organizations have been adapting.

- Emerging Issues for Floodplain Management in Ontario
Ryan Ness
(Toronto and Region Conservation Authority)
- Estimating Design Flood from Continuous Simulation - Tay River
Ferdous Ahmed
(Rideau Valley Conservation Authority)
- Improved Understanding of Managing Stormwater in Rural Areas
Alec Scott
(Ausable Bayfield Conservation Authority)

Spread of Invasive Species

Next to habitat loss and fragmentation, introduced pests and pathogens are one of the greatest threats to forest ecosystems world-wide. This session will examine two invasive species that threaten the health and resilience of Ontario forest communities and explore management strategies developed to minimize their impacts.

- Saving Mother Ash: Finding and Protecting Ash Seed Trees from the Emerald Ash Borer
Stacey Bowman
(Regional Municipality of York)
- Defining the Potential Range of Dog-Strangling Vine (*Vincetoxicum Rossicum*) in Ontario
Richard Dickinson
(University of Toronto)
- A Native Beetle's Resilience in the Face of Invasive Dog Strangling Vine
Rhoda deJonge
(University of Toronto)

8:30 AM - 10:00 AM



Ecosystem Goods and Services

F1D - ROOM 18

Green Economy In Action 2: Policies, Tools and Case Studies

This session continues the discussion of policies, tools and case studies explored in Session T3D.

- Municipal Stormwater Fees and Credits: Accountability through Accounting
Michelle Berquist (University of Toronto)
- Making Sense of the Sustainability Agenda –Case Study From Agriculture
Harold Rudy (Ontario Soil and Crop Improvement Association)
- Business and Biodiversity: Ontario Power Generation's Story
Lindsay Parks (Ontario Power Generation)

Environmental Stewardship and Education

F1E - ROOM 4

Resilient Agriculture 2: Stewardship Education on and off the Farm

Nothing succeeds like success. This session will highlight the continuing need to showcase successful stewardship to demonstrate its value.

- Cover Crops to Protect Soil in a Changing Climate
Ryan Marshall (Marshall's Real Farmers Market)
- Local Food and Local stewardship: Video Snapshots from the Holland Marsh
Jamie Reaume (Holland Marsh Growers' Association)
- Adoption of Environmental Practices by Ontario Farmers
Colin Siren (Ipsos Reid)

Resource Management - Restoration and Rehabilitation

F1F - ROOM 5

New Tools and Techniques in Habitat Restoration

What are the ingredients of a successful habitat restoration project? This session will provide valuable information on effect ecological habitat restoration projects utilizing community involvement, science based decisions and new modeling tools.

- Fish Habitat Restoration: Bridging the Gap Between Science and Practice
Maria Zintchenko (Toronto and Region Conservation Authority)
- The Interface of Community and the Environment through Watershed Restoration
Adrienne Mason (Pine River Watershed Initiative Network)
- Modeling Complex Adaptive Socio-Ecological Systems to Understand Watershed Resilience: The Case of Aquatic Restoration and Recreational Fishing Value in the Credit River Watershed
Jeff Wilson (Green Analytics) and **Tatiana Koveshnikova** (Credit Valley Conservation)

Planning for Resilience

F1G - ROOM 6

Planning For Climate Resilient Communities

What will be needed for communities to respond to Climate change and ensure the health and welfare of their residents? This session will explore the frameworks and tools for community change connecting health, community design, and the hazards from a changing climate.

- Ontario's Environmental Health Climate Change Framework for Action
Vidya Anderson (Ministry of Health and Long-Term Care)
- Planning for Climate Resilient Communities
Michael Sullivan (Canadian Institute of Planners)
- Municipalities Building Capacity for Resilience
Nick Weigeldt (ICLEI - Local Governments for Sustainability)

day three

Integrated Watershed
Management

Water

Natural Heritage and
Biodiversity

F2A - ROOM 10A

F2B - ROOM 10

F2C - ROOM 15

Grand River Water Management Plan: Building Resilience for River Health

The Grand River WMP partners are working together to develop best-value, innovative approaches for improving the outcomes of agricultural best management practices, urban stormwater management and wastewater treatment. This session will focus on these three initiatives funded by the Showcasing Water Innovations program.

- Advanced GIS Technologies for Targeting Agricultural BMPs
Jill Marshall and Anne Loeffler
(Grand River Conservation Authority)
- Innovations in Stormwater Management
Dr. Nicole Weber (AECOM) and **Nick Gollan** (City of Kitchener)
- Optimizing Wastewater Management
Mark Anderson (Grand River Conservation Authority) and **Jim Matthews** (Haldimand County)

Floodplain Management, Does History Still Inform The Future?

Do the protocols of the past still make sense with today's changing climate, infrastructure and technology? This session looks at some of the emerging issues/concerns with floodplain management in Ontario, and how some organizations have been adapting.

- Recent Trends in Watershed Modeling
Ferdous Ahmed
(Rideau Valley Conservation Authority)
- 2D Flood Modeling of Urban Flood Vulnerable Areas
Sameer Dhalla and Dilnesaw Chekol
(Toronto and Region Conservation Authority)
- Modernizing Flood Line Mapping
Ian Jeffrey
(Ganaraska Region Conservation Authority)

How Plant and Animal Communities Are Changing Throughout Southern Ontario: Status and Trends in Wetlands, Woodlands and Urban Features

This session explores population trends of floral and faunal species in southern Ontario and how management of natural heritage features has influenced the resilience of the monitored communities.

- Preserving Floristic Diversity at Rouge Park: Identifying and Meeting the Challenges
Gavin Miller
(Toronto and Region Conservation Authority)
- The Great Lakes Marsh Monitoring Program: 18 Years of Surveying Birds and Frogs as Indicators of Ecosystem Health
Doug Tozer
(Bird Studies Canada)
- A Case Study on an Industrial Development: Integrating Ecosystems, Economies, and People
Katharina Walton
(Natural Resource Solutions Inc.)

10:30 AM - 12:00 NOON



Ecosystem Goods and Services

Environmental Stewardship and Education

Resource Management - Restoration and Rehabilitation

Planning for Resilience

F2D - ROOM 18

F2E - ROOM 4

F2F - ROOM 16

F2G - ROOM 6

Businesses, Green Economy and Natural Capital - Setting Standards

Stakeholders, Leaders, Investors, NGOs, Academics and other are expecting more from business and companies on understanding their dependencies and impacts on ecosystem services. As a result, there has been an increase in the number of private sector players identifying ecosystem services and natural capital as an issue with new, integrated and ecologically accurate ways of understanding and avoiding environmental risk. In this session private sector leaders will share their examples and insights on building resilience by setting a new bar on best practices.

- A Home Builder's Perspective
Paul Bailey
(Bazil Developments Inc)
- Engagement: The Who, What and Why of Addressing Climate Risks in the Insurance Industry
Peter Clarke
(The Co-operators Group Ltd.)
- From the Aggregate Industry: Sustainability Initiatives of Holcim (Canada) Inc.
Luc Robitaille
(Holcim (Canada) Inc.)

Resilient Futures: Stewardship Education for the Next Generation

The Future's uncertain, but the end of stewardship is certainly not near - we need it to build resilience. This session will examine how to engage a new generation of environmental stewardship.

- Building Resilience through Community Monitoring
Kathryn Chin
(ACER)
- Ontario Children's Outdoor Charter
Bill Kilburn
(Back to Nature Network)
- "Be a Water Steward" Program
Meredith Carter
(Otonabee Region Conservation Authority)

Environmental Compensation in Development Review - No Longer a Last Resort

This session will provide the audience with some current practices using restoration banking and compensation opportunities as they relate to conservation planning, the development review process, and various public agency approvals.

- Species at Risk Overall Benefit Catalogue
Emma Followes
(Ministry of Natural Resources)
- Compensation Planning and Habitat Banking
John Stille
(Toronto and Region Conservation Authority)
- Integrated Watershed Restoration Strategy
Kate Hayes
(Credit Valley Conservation)

Green Infrastructure For Resilient Communities

In this session we will explore the use of green infrastructure and biodiversity as an important element of community planning and design, including a case study from one GTA municipality.

- Planning the Resilient Community: The Case for Using Green Infrastructure as a Foundation
Paul Kraehling
(University of Guelph)
- Finding the Nexus: Biodiversity Supports Resilient Communities
Nicole Marzok
(ICLEI Local Governments for Sustainability)
- York Region Greening Strategy - Green Infrastructure for a Sustainable Healthy Environment
Barb Davies
(Regional Municipality of York)

day three

FRIDAY PROGRAM DETAILS

NOON TO 2:00 PM – RBC FOUNDATION LUNCHEON AND CLOSING PLENARY



12:30 PM – YOUNG CONSERVATION PROFESSIONALS PROGRAM GRADUATION CEREMONY

A total of 14 people will be graduating from the 2013 Young Conservation Professionals program (YCP) this year, marking the ninth year of the program. As part of the University of Guelph's Centre for Land and Water Stewardship, this 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 program 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 program since 2005. It 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 program or to apply 2014's program, contact Peter Mitchell at mitchelp@uoguelph.ca. You can also visit the YCP program online at www.ycpleadership.ca.

The 2013 YCP program graduates are:

Jessica C. Steiner, Wildlife Preservation Canada

Emily Hansen, Ecological Farmers of Ontario

Andrew Borer, Hamilton Conservation Authority

Rebecca McQuaid, The Polaris Institute

Jessica R. Kukac, Simcoe County District School Board

Olivia Chan, Ontario Ministry of the Environment

Christine McClure, Quinte Conservation

Kendrick Doll, Ontario Heritage Trust

Randall Van Wagner, Lower Thames Valley Conservation Authority

Alice Lin, Ontario Farmland Trust

Amy Mayes, Conservation Halton

Holly Brose, EcoSpark

Lindsay Maxim, Kawartha Turtle Trauma Centre

Kate Dykman, City of Markham



1:00 PM - KEYNOTE SPEAKER

**Colonel Chris Hadfield****Astronaut | Former Commander of the International Space Station**

"Good morning, Earth." That is how Colonel Chris Hadfield—writing on Twitter—woke up the world every day while living aboard the International Space Station for over five months. Since blasting off from Kazakhstan in December 2012, Hadfield has become a worldwide sensation, harnessing the power of social media to make outer space accessible to millions and infusing a sense of wonder into the collective consciousness not felt since man first walked on the moon. Called "the most famous astronaut since Neil Armstrong," Hadfield, now safely back on Earth, continues to bring the glory of science and space travel to everyone he encounters.

Hadfield is the pioneer of many "firsts." In 1992, he was selected by the Canadian Space Agency as a NASA Mission Specialist - Canada's first fully-qualified Space Shuttle crewmember. Three years later, he was the first Canadian to operate the Canadarm in space, and the first Canadian to board a Russian spacecraft as he helped build the Russian space station, "Mir." In 2001, Hadfield performed two spacewalks - the first Canadian to do so - and in 2010 the CSA and NASA announced Hadfield's third mission: commanding the International Space Station (ISS) - again a first for a Canadian.

Hadfield launched into space on December 19, 2012 and took command of the ISS in March, 2013. His multiple daily Tweets and photographs from space made people see the world differently. His accessibility, whether answering questions such as, "How do you wring out a washcloth in space," via Skype or collaborating with The Barenaked Ladies for a song sung by nearly a million people simultaneously, endeared him to all while he orbited Earth.

A heavily decorated astronaut, engineer, and pilot, Hadfield's many awards include receiving the Order of Ontario, the Meritorious Service Cross, and the NASA Exceptional Service Medal. He was named the Top Test Pilot in both the US Air Force and the US Navy, and has been inducted into Canada's Aviation Hall of Fame. He is also commemorated on Canadian postage stamps, Royal Canadian Mint silver and gold coins, and on Canada's newest five dollar bill.

Keynote Speaker Colonel Chris Hadfield was sponsored by:



MARK YOUR CALENDAR FOR THE 2014 SYMPOSIUM

NOVEMBER 18, 19 AND 20, 2014

Nottawasaga Inn Resort & Conference Centre
Alliston, Ontario

day three

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 Conference theme.

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

Consider signing up to participate in Mentorship Match, an opportunity to be linked with another interested colleague for 1 year commitment to act as either a mentor or mentee starting January 2014. Application forms for the Mentoring Match can be found at www.bit.ly/ADLMentorship.

Stay Informed! Receive our e-blasts throughout the year informing you of updates and deadlines.

Just go to the Symposium website (www.latornell.ca), click on Contact Us and fill out the Mailing List Subscription Form.

Don't forget to follow our Twitter feed @ADLatornell and add the hashtag #latornell to your tweets to stay connected to important online conversations about Latornell.



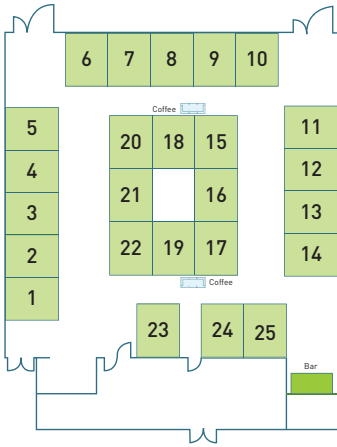
THIS YEAR'S EXHIBITORS



THIS YEAR'S FLOORPLAN

EXHIBITOR GALLERY A

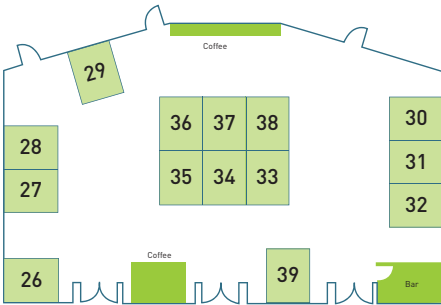
Crystal Ball Room



1. Solinst Canada Ltd.
2. Canadian Water Resources Association
3. Echelon Environmental
4. Environmental Commissioner of Ontario
5. Ontario Soil and Crop Improvement Association
6. Ministry of Agriculture and Food and Ministry of Rural Affairs
7. Ministry of Agriculture and Food and Ministry of Rural Affairs
8. Isotope Trace Technologies
9. Trees Ontario
10. Water Resources Information Program (Ministry of Natural Resources)
11. Cole Engineering Group Ltd.
12. Ontario Geological Survey
13. Environment Canada
14. Hoskin Scientific Ltd.
15. Natural Resource Solutions Inc.
16. Water's Edge
17. Forest Technology Systems (FTS)
18. Ministry of Natural Resources, Biodiversity Policy Section
19. Forest Technology Systems (FTS)
20. Aquatic Informatics™ Inc.
21. Water Canada
22. Campbell Scientific Canada Corp.
23. KISTERS North America, Inc.
24. Hanson Pipe & Precast
25. Aquafor Beech Limited

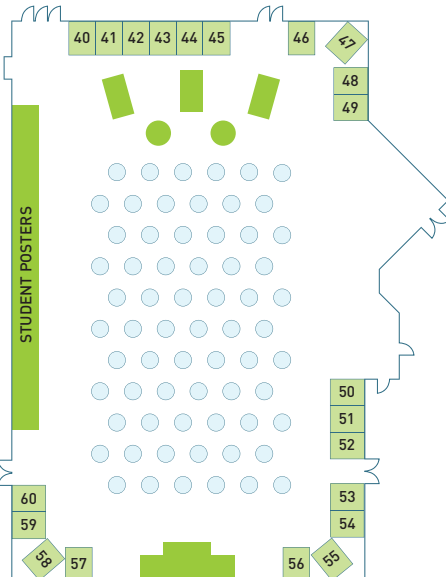
EXHIBITOR GALLERY B

Rooms 1-2-3



26. Green Infrastructure Ontario
27. Conservation Ontario
28. Greenland Group of Companies
- 29.
30. Faculty of Forestry, University of Toronto
31. Matrix Solutions
32. University of Guelph
33. Fisheries and Oceans Canada
34. Schlumberger
35. Open Portal Project
36. Ontario Federation of Anglers and Hunters
- 37.
- 38.
- 39.

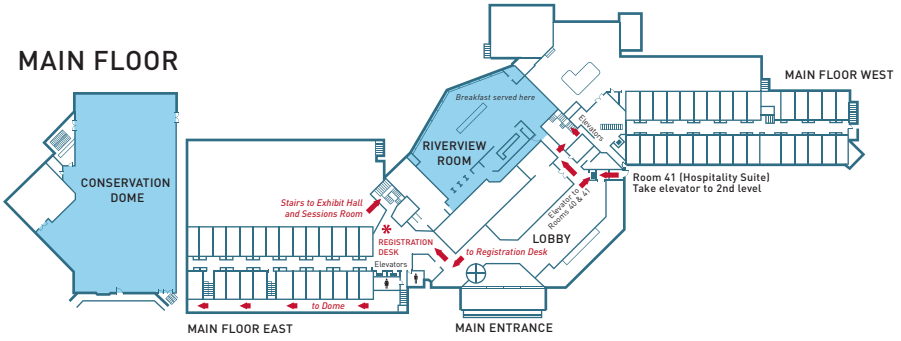
CONSERVATION DOME



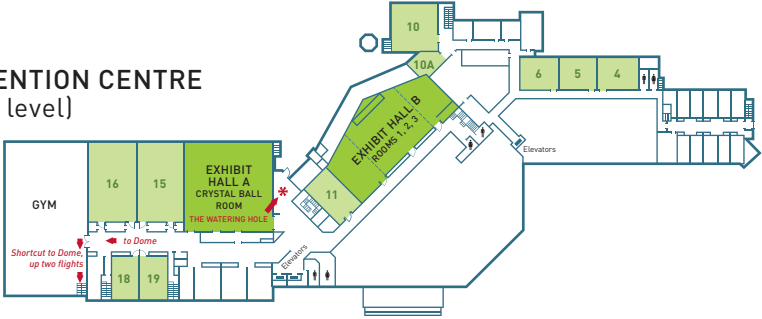
40. Reserved for Student Poster Competition
41. Reserved for Student Poster Competition
42. Reserved for Student Poster Competition
43. Reserved for Student Poster Competition
44. Reserved for Student Poster Competition
45. Reserved for Student Poster Competition
46. Frontenac Stewardship Foundation
47. PARISH Geomorphic Ltd.
48. Waterloo Summit Centre for the Environment
49. WESA, a division of BluMetric Environmental Inc.
50. Ontario Headwaters Institute
51. Watermark Solutions Ltd.
52. Winkelmolen Nursery Ltd.
- 53.
- 54.
55. Ducks Unlimited Canada
56. Conservation Ontario
- 57.
58. Ministry of Natural Resources - Stewardship and Conservation Incentives
59. Allset Inc.
- 60.

NOTTAWASAGA INN FLOORPLAN

MAIN FLOOR



CONVENTION CENTRE (lower level)



SESSION INFORMATION

SESSION	ROOM	MODERATOR	SESSION	ROOM	MODERATOR	SESSION	ROOM	MODERATOR
W1A	15	Yuestas David	T1A	15	Yuestas David	F1A	10A	Barb Veale
W1B	10A	Meghan McMorris	T1B	10A	Bill Trenouth	F1B	15	Jenn McCallum
W1C	10	Colin Khan	T1C	10	Mollie Kuchma	F1C	10	Claudia Ciotir
W1D	18	Dan McCarthy	T1D	5	Kathleen Keenan	F1D	18	Geneva Starr
W1E	4	Jenn McCallum	T1E	4	Kelly Hodgins	F1E	4	Colin Khan
W1F	5	Kathleen Keenan	T1F	6	Geneva Starr	F1F	5	Yuestas David
W1G	6	Claudia Ciotir	T1G	18	Shegufa Merchant	F1G	6	Kelly Moores
W2A	15	Kelly Moores	T2A	15	Kelly Moores	F2A	10A	Barb Veale
W2B	10A	Geneva Starr	T2B	6	Jenn McCallum	F2B	10	Kelly Hodgins
W2C	16	Kathleen Keenan	T2C	16	Colin Khan	F2C	15	Kelly Moores
W2D	5	Kelly Hodgins	T2D	10A	Meghan McMorris	F2D	18	Kathleen Keenan
W2E	4	Shegufa Merchant	T2E	4	Terry Rees	F2E	4	Shegufa Merchant
W2F	10	Mollie Kuchma	T2F	10	Claudia Ciotir	F2F	16	Mollie Kuchma
W2G	6	Bill Trenouth	T2G	18	Bill Trenouth	F2G	6	Colin Khan
			T3A	15	Kelly Hodgins			
			T3B	18	Mollie Kuchma			
			T3C	10	Kathleen Keenan			
			T3D	10A	Shegufa Merchant			
			T3E	4	Suzanne Barrett			
			T3F	16	Meghan McMorris			
			T3G	6	Bill Trenouth			