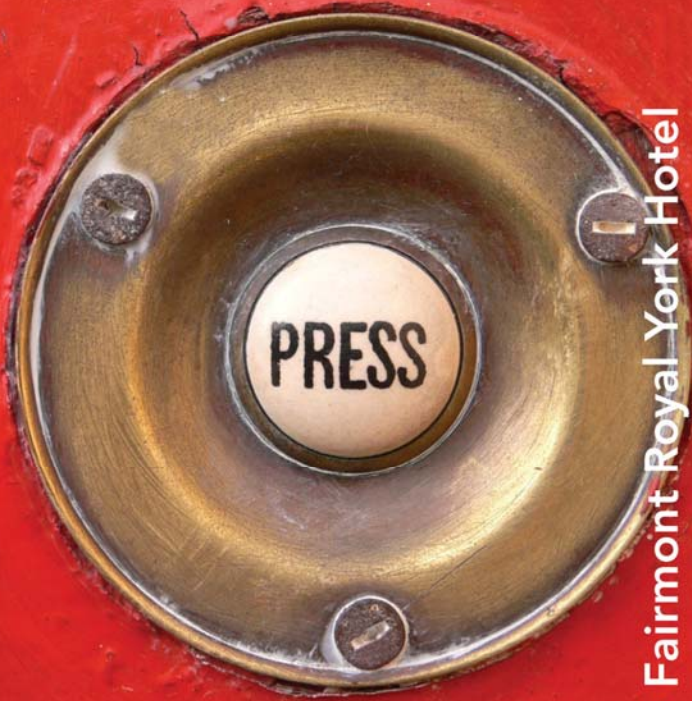


The Heritage Imperative:
Old Buildings in an Age
of Environmental Crisis

TORONTO



The Heritage Canada Foundation's
Annual Conference in collaboration
with the Ontario Heritage Trust and
in cooperation with the Canadian
Association of Heritage Professionals

Climate change. Green building. Economic renewal.
Affordable housing. Old buildings have answers for
the biggest questions of our generation.

www.heritagecanada.org

September 24-26, 2009 • Fairmont Royal York Hotel

CONFERENCE PROGRAM

***Climate change. Green building. Economic renewal.
Old buildings have answers for the biggest
questions of our generation.***

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Conference Organizing Committee

Natalie Bull – Executive Director, Heritage Canada Foundation

Richard Moorhouse – Executive Director, Ontario Heritage Trust

Helen Edwards – President, Canadian Association of Heritage Professionals

Rollo Myers – HCF Ontario Governor & Manager, Architectural Conservancy of Ontario

Conference Program Committee

Scott Barrett – Heritage Preservation Services, City Planning, City of Toronto

Christopher Borgal – Principal, Goldsmith Borgal and Company Ltd. Architects. & Past-President, Canadian Association of Heritage Professionals

Sean Fraser – Manager, Acquisitions and Conservation Services, Ontario Heritage Trust

Mark Gorgolewski – Department of Architectural Science, Ryerson University & Board Member, Canada Green Building Council

Beth Hanna – Director, Heritage Programs and Policy, Ontario Heritage Trust

Jennifer Iredale – Senior Curator, Heritage Branch, BC Government

Mike Layton – Program Manager, Green Energy, Environmental Defence

Joe Lobko – Partner, du Toit Allsopp Hillier | du Toit Architects Ltd.

Mark Lutes – Climate Change Program, David Suzuki Foundation

Michael McClelland – Principal, E.R.A. Architects

Peggy Mooney – Executive Director, Heritage Toronto

Andrew Powter – Conservation Architect (retired), Heritage Conservation Directorate, Public Works and Government Services Canada (PWGSC)

Susan Ross – Conservation Architect, Heritage Conservation Directorate, Public Works and Government Services Canada

This conference is organized in collaboration with the Ontario Heritage Trust and in cooperation with the Canadian Association of Heritage Professionals (CAHP).



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Canadian Forum for Public Research on
Heritage

Greetings From the Chair

Welcome to an event that will challenge your assumptions and inspire collaboration.



Hello, Bonjour!

It is my pleasure to welcome you to *The Heritage Imperative: Old Buildings in an Age of Environmental Crisis*. This ground-breaking gathering is designed to grapple with some of the biggest questions of our time.

Canada's buildings account for about 40% of our energy use and vast amounts of other natural resources. Reducing this resource dependency and greenhouse gas emissions is absolutely crucial for our future sustainability. HCF's 2009 conference is designed to show how adaptation and wise use of our existing built environment can provide potent solutions for our environmental and energy challenges.

Read through the program and you will see that we are offering a unique heritage conservation conference. There are participants from a broad range of constituencies—green construction, environmental advocacy, engineering, heritage advocacy, urban design and rural revitalization—all with an interest in fostering sustainable communities and green buildings. The aim of the conference is to have a frank, dynamic discussion which challenges the assumptions of all delegates and builds a sense of collective purpose. We will leave the conference with a renewed sense of shared goals and an action plan for future collaboration.

Toronto is the perfect venue for such an event. Celebrating its 175th anniversary this year, it is teeming with development projects big and small that demonstrate how older buildings and neighbourhoods can be models of energy efficiency and sustainability. Green industrial districts, car-less island communities, historic places of worship, innovative residential infill—Toronto has it all.

Douglas Köchel, Chair
Heritage Canada Foundation



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HERITAGE
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CONFERENCE AT A GLANCE

THURSDAY, SEPTEMBER 24

7:00 am - 4:00 pm	Registration Desk Open, Mezzanine, Fairmont Royal York Hotel
8:30 am - 5:00 pm	Endangered Places of Faith Roundtable, Enoch Turner School House
1:00 pm - 4:30 pm	Walking Tours: Leave from Fairmont Royal York Hotel
6:00 pm - 8:00 pm	Opening Reception: Evergreen Brick Works

FRIDAY, SEPTEMBER 25

7:30 am - 4:00 pm	Registration Desk Open, Ballroom Foyer, Fairmont Royal York Hotel
8:30 am - 10:00 am	Words of Welcome and Keynote Address by Dr. Thomas Homer-Dixon
10:30 am - 12:00 pm	Session 1: Plenary
12:00 pm - 1:30 pm	Lunch
1:30 pm - 3:00 pm	Session 2: Communities Track & Buildings Track & Field Session
3:30 pm - 5:00 pm	Session 3: Communities Track & Buildings Track & Field Session
6:30 pm - 8:30 pm	HCF and CAHP Awards Ceremony and Reception, Wychwood Barns

SATURDAY, SEPTEMBER 26

7:30 am - 4:00 pm	Registration Desk Open, Ballroom Foyer, Fairmont Royal York Hotel
8:30 am - 10:00 am	Session 4: Plenary
10:30 am - 12:00 pm	Session 5: Communities Track & Buildings Track
10:30 am - 12:00 pm and 1:30pm - 3:00pm	2-Part Workshop: LEED® and Heritage Rehabilitation
12:00 pm - 1:30 pm	Lunch
1:30 pm - 3:00 pm	Session 6: Communities Track & Buildings Track
3:30 pm - 4:30 pm	Session 7: Plenary Discussion
4:30 pm - 5:30 pm	Heritage Canada Foundation's Annual General Meeting
4:30 pm - 5:30 pm	Canadian Association of Heritage Professionals' (CAHP) Annual General Meeting

SPECIAL MEETINGS - Meetings will be held at the Ontario Heritage Centre.

Wednesday, September 23

8:30 am - 4:30 pm	Built Heritage Leadership Forum Leaders of provincial heritage organizations from across Canada meet to discuss common issues and opportunities. Simultaneous translation and lunch provided.
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Thursday, September 24

8:30 am - 1:00 pm	National Heritage Planners Meeting (The Gallery) Hosted by the Ontario Heritage Planners network Planners from across the country are invited to share experiences and participate in discussions. After lunch, participants can join the Endangered Places of Faith Roundtable. Simultaneous translation and lunch provided.
12:00 pm - 1:00 pm	Lunch (Birkbeck Room)
12:00 pm - 4:30 pm	National Roundtable on Heritage Education (The Gallery) Heritage instructors and academics meet to discuss issues relevant to heritage education and training in Canada. Simultaneous translation and lunch provided.

CONFERENCE PROGRAM - Thursday, September 24

7:00 am - 4:00 pm

Registration

Mezzanine, Fairmont Royal York Hotel

8:30 am - 5:00 pm

Endangered Places of Faith Roundtable

Enoch Turner Schoolhouse, 106 Trinity Street

Organized by the Ontario Heritage Trust in collaboration with the Heritage Canada Foundation

The session will further the dialogue and increase understanding about the challenges of preserving and reusing houses of worship. It will bring together the sometimes disparate parties whose positions span the sector from heritage advocate to congregation, from owner to clergy, from insurance to insulation and from politician to public servant. Guided tours of Little Trinity Church, St. Paul's Church, Power Street and the Berkeley Church Conversion will take place in the morning.

Cost: \$25. Lunch is provided. Requires preregistration.

1:00 pm - 4:30 pm

Walking Tours

Tours are included in the conference registration fee. They depart from the Fairmont Royal York Hotel. Please wear appropriate clothing and footwear for tours.

Tours leave the Fairmont Royal York Hotel lobby promptly at times indicated.

Ward's and Algonquin Islands (1:00 pm - 4:30 pm)

Tour Leader: Ian Trites - Ride the ferry across Toronto's Inner Harbour and discover one of the city's original "green" communities. Between 1968 and 1993, Toronto Island residents fought to retain these island communities of early 20th century vacation homes. Now they stand as compelling examples of car-less and sustainable neighbourhoods (Walking, Ferry)

Cabbagetown (1:30 pm - 4:30 pm)

Tour Leader: David Pretlove - Explore one of Toronto's most unique historical neighbourhoods that was saved from demolition in the late 1960s. Learn about the sustainable features of this dense and vibrant area which contains late-Victorian structures, from workers cottages and grand homes, to commercial areas and a working farm. (Subway, Streetcar, Walking)

St. James Town & Mayor's Tower Renewal (1:30 pm - 4:30 pm) Tour Leader: Graeme Stewart One-third of Toronto's housing stock is in towers built in the 1960s and 1970s. Many of these towers are not energy efficient and are in areas of social and economic disparity. Join this tour to explore how the Mayor's Tower Renewal project plans to green the St. James Town complex, diversify the tower grounds with mixed-use development and revitalize the community. (Subway, Streetcar, Walking).

Old Town Toronto (1:30 pm - 4:30 pm)

Tour Leader: Marta O'Brien - This fascinating area is where Toronto developed beyond its role as a military post, beginning in the early 1800s. The tour includes adaptive reuse of many commercial buildings left from the city's days as a manufacturing centre. We'll also examine excellent examples of infill in a historic district. Condominiums have recently joined quaint shops, restored warehouses, and Toronto's largest cathedral. (Walking)

6:00 pm - 8:00 pm

Opening Reception

Evergreen Brick Works, 550 Bayview Avenue, Sand Lime Brick Storage Building

Buses leave Fairmont Royal York Hotel at 5:30 pm

For 100 years, the Don Valley Brick Works was one of Canada's largest brickyards, producing more than 43 million bricks a year at its peak. The 5 hectare site sat abandoned when the brickyard closed in 1984. In 2002, Evergreen, an innovative non-profit focused on linking nature, culture and community in urban spaces, began transforming the heritage site into a showcase for urban sustainability and green design. Slated for completion in 2010, it's now a combination of adaptively reused industrial heritage buildings, park trails and reed-fringed ponds. The project aims to achieve LEED® Platinum certification. The opening reception will include walking tours of the evolving buildings and extensive grounds.

Opening reception is included with basic registration. Additional tickets are available for guests and one-day registrants for \$25.



Friday, September 25

7:30 am - 4:00 pm

Registration

Ballroom Foyer, Fairmont Royal York Hotel.

8:30 am - 8:50 am

Words of Welcome and Challenge to Delegates

Heritage leaders welcome delegates and speakers from the fields of built heritage, environmental conservation and green building, and describe how multidisciplinary panels and group discussions will generate an Agenda for Action to transform the way Canadians think about old buildings and the environment.

8:50 am- 10:00 am

Keynote – Dr. Thomas Homer-Dixon

Ballroom, Fairmont Royal York Hotel

Dr. Thomas Homer-Dixon is a global visionary and one of Canada's foremost public intellectuals whose research focuses on how societies adapt to complex ecological, economic, and technological change. The best-selling author of *Carbon Shift: How the Twin Crises of Oil Depletion and Climate Change Will Define the Future* (2009), *The Upside of Down: Catastrophe, Creativity and the Renewal of Civilization* (2006) and *The Ingenuity Gap* (2000), he is Chair of Global

Systems at the Balsillie School of International Affairs, University of Waterloo.

10:00 am - 10:30 am

Break

10:30 am - 12:00 pm

Session 1: Making Connections: Perspectives on Heritage Buildings and the Environment

Ballroom, Fairmont Royal York Hotel.

Is the greenest building really the one that already exists? Are heritage advocates making a difference in this

age of environmental crisis, or rearranging the deck chairs on the Titanic? Are actions to protect the character of traditional communities at odds with increasing density and counteracting urban sprawl? Leaders from the worlds of sustainable design, life-cycle assessment, and environmental research weigh in on the role heritage buildings play in combating global climate change. A distinguished panel will set the stage for an important examination of relevance and evolving priorities for the heritage movement.

Session Leaders: **Natalie Bull** (Executive Director, HCF) & **Richard Moorhouse** (Executive Director OHT)

- **Carl Elefante** AIA, LEED® AP (Historic Preservation Architect, Director of Sustainable Design, Quinn Evans Architects, Washington DC)
- **Wayne Trusty** (President, Athena Sustainable Materials Institute, Merrickville, Ont)
- **Dr. Quentin Chiotti** (Climate Change Program Director, Pollution Probe, Toronto) - Climate Change and Heritage Buildings: how using the past can help us prepare for a climate changed future
- **Tim Weis** (Director of Renewable Energy and Energy Efficiency, Pembina Institute)

12:00 pm - 1:30 pm

Lunch and Networking Opportunity

1:00 pm - 3:00 pm

Field Session

Session 2C: Greening, Adaptive Reuse and the Creative Economy

Registered participants should gather at the Registration Desk.

Explore two heritage work environments adapted to the 21st century! With their new headquarters, Stantec has recycled and transformed the historic MacGregor Sock Factory (1905) into an award-winning structure that has been certified LEED® GOLD CI Commercial Interiors. The second building, originally known as "The Ward" across from Queen's Park, has evolved around the historic Toronto General Hospital. Now known as the Discovery District and home to MaRs, it continues its historical role as a hub for innovative, creative technology and business solutions.

Session Leader: **Tamara Anson-Cartwright** (Heritage Advisor, Ontario Ministry of Culture)

Friday, September 25

1:30 pm - 3:00 pm

Communities Track

Session 2A: Sustainable Communities: Do Older Neighbourhoods Make the Grade?

Territories Room, Mezzanine level, Fairmont Royal York Hotel.

Integrated Community Sustainability Planning is now an important tool for municipalities to achieve sustainability's "Four Pillars" - environmental, economic, social and cultural. Older neighbourhoods and districts have been recognized as inherently sustainable from a cultural and, to a lesser extent, economic perspective. But from a green perspective do these neighbourhoods measure up? Do traditional neighbourhoods have all the answers or do they also need to adapt? Participants in this session will explore how best to meet the challenges of fitting older buildings and neighbourhoods into visions for a sustainable future.

Session Leader: **David Amborski** (School of Urban and Regional Planning, Ryerson University)

- **Nicholas Heap** (Climate and Energy Policy Analyst, David Suzuki Foundation, Vancouver)
- **Elana Horowitz** (Senior Associate, Ontario Growth Secretariat, Toronto)
- **Jessica Webster** (Community Planning Analyst, Sustainable Buildings and Communities, Natural Resources Canada, Ottawa)
- **Darryl Cariou** (Senior Heritage Planner, City of Calgary)

Buildings Track

Session 2B: Rehabilitation and Reuse: Does it Make Sense?

Ballroom, Fairmont Royal York Hotel.

With new construction often seen as the path of least resistance, advocates need solid numbers and arguments to make the case for retrofit and reuse. Increasingly the durability of building materials, life-cycle energy use and environmental impacts are influencing decisions. Learn why embodied energy is no longer enough to make the case for saving old buildings. This session examines the tools, methodologies and case

studies that build compelling energy/environmental arguments for heritage conservation.

Session Leader: **Wayne Trusty** (President, Athena Sustainable Materials Institute, Merrickville, Ont)

- **Geneviève Charrois** (Historic Places Program, Parks Canada, Gatineau) - On the new study, "A Life Cycle Assessment Study of Embodied Effects for Existing Historic Buildings."
- **Vivian Manasc** (Senior Principal, Manasc Isaac Architects, Edmonton) – Re-Skinning Existing Buildings.
- **Sarah Gray** (P. Eng, Project Manager, Halsall Associates Ltd., Brantford) – Assessing the Case for Keeping Heritage Buildings on a Brownfield Site.
- **Christopher Borgal** (GBCA Architects, Toronto) – Heritage, Environment, Reality and the Dilemma of 1084 Windows.

3:00 pm - 3:30 pm

Break

3:30 pm - 5:00 pm

Communities Track

Session 3A: Intensification and Older Neighbourhoods – Getting it Right

Ballroom, Fairmont Royal York Hotel.

Dense urban form is an important part of building sustainable communities. "Intensification" is a concept increasingly enshrined in municipal plans across Canada. From small-scale infill to clearance and tall tower development, what form should intensification take and where should it happen? Join this diverse panel of experts in an interactive session on getting intensification right.

Session Leader: **Robert Shipley** (School of Planning, University of Waterloo)

- **Louis-Daniel Brousseau** (Planning Department, Quebec City) – Quebec City's "La Cité verte", A Sustainable Community in the Making.
- **Leo Longo** (Senior Partner, Aird and Berlis LLP, Toronto)
- **Shawky Fahel** (CEO, JG Group, Waterloo)
- **Melanie Hare** (Principal, Urban Strategies, Toronto)



Friday, September 25

Buildings Track

□ Session 3B: The Numbers Game:

Ratings Systems and Energy Modeling Territories Room, Mezzanine level, Fairmont Royal York Hotel.

New rating systems for green building and energy use provide benchmarks to compare the performance of new and existing buildings. But do they capture the various benefits of building reuse and neighbourhood revitalization? Learn about the opportunities and challenges of applying rating systems and other assessment tools to heritage buildings.

Session Leader: **Carl Elefante** (Director of Sustainable Design, Quinn Evans Architects, Washington DC)

- **Jennifer Iredale** (Senior Curator, BC Heritage Branch) – Heritage Homes and the EcoENERGY Retrofit Program. A perspective from B.C.
- **Ting Pan** (LEED® AP, Recollective Consulting, Vancouver) – Reaching for LEED® Gold in Vancouver: Case Studies of Green Existing Buildings in Vancouver
- **Philip Parker** (P.Eng, Read Jones Christoffersen, Vancouver) and **John Dam** (P.Eng, Read Jones Christoffersen, Victoria) – Energy Modeling as a Decision Support Tool for Adaptive Reuse of Heritage Structures

Field Session

□ Session 3C: Greening a Civic Hub: The Redevelopment of Toronto's Union Station

Registered participants should gather at the Registration Desk

This session will examine the way green and heritage imperatives are intersecting in the redevelopment of Canada's largest railway station—Toronto Union Station. Learn about how its pre-existing green features are being conserved and new green ideas and technologies are being incorporated. As a National Historic Site owned by the City of Toronto and used by thousands everyday, Union Station is a living laboratory under pressure.

Session Leaders: **Michael McClelland** (Principal, E.R.A. Architects, Toronto)

- **Denise Gendron** (Union Station Project, City of Toronto)
- **Jim Kamstra** (Director, Business and Strategic Innovation, City of Toronto)

6:30 pm – 8:30 pm

HCF and CAHP Awards Ceremony and Reception

Artscape Wychwood Barns, 601 Christie Street,
Covered Street Barn

Business Attire (gentlemen: jacket and tie)

Buses leave Royal York Hotel at 5:30

Built between 1913 and 1921, these historic streetcar repair barns, once the hub of the early 20th-century Toronto Civic Railway, are back in business. After a decade of planning and construction, they have been reincarnated as the Artscape Wychwood Barns—a 5,500-square-metre multifaceted community centre where heritage conservation, arts and culture, environmental leadership, urban agriculture and affordable housing are fostering a strong sense of community. The Barns are on track to become one of the first LEED®-certified heritage projects in Canada.

The Awards Ceremony is included with basic registration. Additional tickets are available for guests and Saturday registrants for \$40.

Guided tours offered.



Saturday, September 26

8:30 am – 10:00 am

Session 4: Panel Discussion - Changing the World: Transforming the Market for Heritage Buildings

Ballroom, Fairmont Royal York Hotel.

The heritage movement has much to learn from leaders in environmental policy change, social innovation and industry. This panel discussion will look at some of the ways we can change the culture by changing the way society does business—from energy codes and tax credits, to stimulus funding and climate-related legislation, and industry-driven rating and labeling systems like LEED®.

Session Leader: **Natalie Bull** (Executive Director, Heritage Canada Foundation)

- **Bruce Cox** (Executive Director, Greenpeace Canada, Toronto)
- **Stephen Hazell** (Executive Director, Sierra Club of Canada, Ottawa)
- **Alex Spiegel** (Architect, President, ONE Development Corporation, Toronto) - Effective Heritage Building Advocacy in the Climate Century

10:00 am – 10:30 am

Break

10:30 am – 12:00 pm

Communities Track

□ Session 5A: The Other Pillars: Social, Cultural, and Economic Sustainability

Ballroom, Fairmont Royal York Hotel.

Small towns and rural communities face daunting challenges when it comes to economic development, job creation, and long-term viability. This session explores the application of innovative revitalization strategies for social and economic sustainability with a green edge.

Session Leader: **Norman Ragetlie**, Community Economic Development Specialist, Ontario Ministry of Agriculture, Food and Rural Affairs (Rural Community Development Branch).

- **Hans Honegger** and **Carolyn Butts** (Bon Eco Design Shop, Tamworth, Ont.) – Local Motives During Challenging Times
- **Paul Sapounzi** (Partner, Ventin Group Architects, Brantford) – Rehabilitation Projects and Local Labour Creation

- **Melissa Stickl** (Architecture, Carleton University) - “In-Transition” Towards an Ethos of Sustenance For Our Lady School
- **François Varin** (Executive Director, Main Street Quebec/La Fondation Rues principales) – Restoring Economic and Social Health on Main Street

Buildings Track

□ Session 5B: Natural Partners: Marrying Green and Heritage in Building Retrofits

Territories Room, Mezzanine level, Fairmont Royal York Hotel.

From small rural communities to university campuses, exceptional new projects are demonstrating how energy efficiency, new technologies and heritage values can fit together.

Session leader: **Richard Moorhouse** (Executive Director, Ontario Heritage Trust)

- **Joey Giaimo** (E.R.A. Architects) – Reconsidering the Recent Past: Adaptability of modern heritage buildings to current and future needs
- **Chris Harrison & Matt Johnson** (Vermeulen Hind Architects, Ottawa) – Greening the Burke Science Building, McMaster University, without altering its heritage character
- **Susan Ratcliffe** (President, Guelph-Wellington Branch, ACO) – The evolution of a historic Guelph house from dereliction to showcase for green building technologies
- **Catherine Nasmith** (Architect, outgoing President, ACO) – Rehabilitating and upgrading the Alton Mill

Workshop

□ Session 5C: LEED® and Heritage Rehabilitation (2-Part Workshop, includes Session 6C, 1:30-3:00pm)



Alberta Room, Mezzanine, Fairmont Royal York Canada Green Building Council in collaboration with Heritage Canada Foundation and Public Works and Government Services Canada.

- **Scott Armstrong** (LEED AP, CaGBC GTA, Manager, Sustainable Design Services, Halcrow Yolles Engineers, Toronto)
- **Susan Ross** (LEED AP, Senior Conservation Architect, Heritage Conservation Directorate PWGSC, Ottawa)



Saturday, September 26

This 2-part workshop will provide insights on how the Canada Green Building Council's LEED® rating system can be applied to heritage building rehabilitation projects. Contrary to common perceptions, LEED®'s green building goals and heritage conservation principles are not incompatible. In fact, in the United States, over 100 historic sites have achieved LEED® certification, and Canada has a number of projects on track. Drawing specifically on some of these projects, this workshop will explore the complementarities between LEED® and heritage and identify areas where challenges remain. (Space limited)

12:00 pm – 1:30 pm

Lunch

1:30 pm – 3:00 pm

Communities Track

Session 6A: It Takes a Team: Community and Government Roles in Large Projects

Ballroom, Fairmont Royal York Hotel.

Featuring three large Toronto projects—Artscape Wychwood Barns, Evergreen Brick Works, and Union Station—this session explores the roles of different community and government stakeholders, authorities, professionals, users, and others, in promoting an integrated approach to heritage conservation and sustainability.

Session Leader: **Michael McClelland** (Principal, ERA Architects)

- **Geoff Cape** (Executive Director, Evergreen)
- **Julia Gersovitz** (Partner, Fournier, Gersovitz and Moss Architects, Montreal)
- **Tim Jones** (President and CEO, Artscape)
- **Lori Martin** (Senior Cultural Affairs Officer, City of Toronto)

Buildings Track

Session 6B: Strength in Numbers: Bringing the Conservation Constituencies Together

Territories Room, Mezzanine level, Fairmont Royal York Hotel.

Interest in conservation and good stewardship runs through many constituencies: from environmental and faith

communities, to those focused on land conservation, green building and built heritage. How do we build on the common interests of the broader conservation community to promote the reuse of viable older buildings—and achieve broader environmental goals at the same time?

Session leader: **Beth Hanna** (Director, Heritage Programs and Operations, Ontario Heritage Trust)

- **Diane Switzer** (Executive Director, Vancouver Heritage Foundation, Vancouver) – On “New Life, Old Buildings: Your Green Guide to Heritage Conservation”
- **Stephen Collette** (LEED® AP, Audit Manager, Faith and the Common Good) and **David McAuley** (J. David McAuley Architect Inc.) – Greening Sacred Spaces: Developing Toolsets for Faith Communities
- **Mike Layton** (Program Manager, Green Energy, Environmental Defence, Toronto) - Building Blocks: Greening Codes, Policies and Programs
- **Hilary Van Welter** (Chair, Windfall Ecology Centre, Aurora, Ont) – Heritage Buildings: Hot Spots for Green Innovation

Workshop

Session 6C: LEED® and Heritage Rehabilitation (Continuation of 5C)

3:00 pm – 3:30 pm

Break

3:30 pm – 4:30 pm

Session 7: Where Do We Go From Here? Agenda for Action

Ballroom, Fairmont Royal York Hotel.

Selected session leaders share the issues and action items gathered from panels and discussions, and lead the development of an Agenda for Action to transform the way Canadians think about old buildings and the environment.

4:30 pm – 5:30 pm

HCF Annual General Meeting

Ballroom, Fairmont Royal York Hotel.

4:30 pm – 5:30 pm

CAHP Annual General Meeting

Territories Room, Fairmont Royal York Hotel.

SESSION LEADERS AND SPEAKERS

David Amborski
(MCIP RPP)
Professor, School of Urban and
Regional Planning, Ryerson
University (Toronto, Ontario)

David is a professional planner who has taught at Ryerson for over 30 years. His research, publications, and consulting interests are in the area of interface between Planning and Economics including municipal finance and urban policy. His professional consulting work has been undertaken for the federal and provincial governments as well as a range of municipalities. He has undertaken International work for the Canadian International Development Agency (CIDA). He is a member of the CIP National Council, Lambda Alpha (Honourary Land Economics Society), and sits on the advisory committee for the Institute on Local Government and Finance at the Munk Centre. He serves on the editorial board of several journals including *Town Planning Review*.



Scott R. Armstrong
(Dipl. Arch. Tech., A.Sc.T.,
LEED AP)
Associate and Manager,
Sustainable Design Services,
Halcrow Yolles (Toronto, Ontario)

Scott is responsible for developing and implementing sustainability strategies for clients with both existing and new facilities at Halcrow Yolles. He advocates for higher performance and more durable building envelope enclosures by demonstrating energy paybacks and life cycle value through the use of improved technology. As Secretary to the Board of the Canada Green Building Council, Greater Toronto Chapter, Mr. Armstrong actively promotes the green building agenda through various external engagements and capacity-building initiatives.



Louis-Daniel Brousseau
Architect, Senior Urban Designer,
Design, Architecture and
Heritage Division, Urban Planning
Dept. (Quebec City, Quebec)

Louis-Daniel is an architect and senior urban designer for the Design, Architecture and Heritage division of Quebec City 's Urban Planning Department. In collaboration with multidisciplinary teams, he is responsible for preparing masterplans for mixed used neighborhoods, guidelines for



urban spaces, and preliminary studies for buildings. He accompanies private developers and the city administration in the planning and design of major architectural and urban projects, and is often called upon to make presentations of public and private projects for the city at public hearings. Mr. Brousseau is also an advisor for the city's Planning and Design Commission. He has been working in the public sector since 1985, after being employed by two private architectural firms. He has been a licensed architect in Quebec since 1981.

Christopher Borgal
President and Partner of
Goldsmith Borgal & Co. Ltd.
Architect (GBCA) (Toronto,
Ontario)

Christopher is past president of the Canadian Association of Heritage Professionals, and a past president of the Architectural Conservancy of Ontario. He has been in private practice for most of the past 32 years save for a 3 year term with the federal government's Heritage Conservation Directorate. Projects completed number in the hundreds and include conservation work or studies on some of Canada's most prominent buildings including Parliament Hill in Ottawa, the B.C. Legislature, the Newfoundland Legislature, the Alberta Legislative Centre, the National Portrait Gallery, the National Ballet School, the Royal Conservatory of Music and many others of more local, but no less importance.



Natalie Bull
Executive Director, Heritage
Canada Foundation
(Ottawa, Ontario)

Natalie's preceding career included broad experience in heritage real property management, heritage building technology, multidisciplinary project leadership, restoration site supervision, and rehabilitation grant program administration. Natalie has worked in various regulatory capacities where conservation and new design intersect, including design review in support of federal heritage regulations and legislation. As President of the Association for Preservation International, Natalie led an international board of directors through a strategic planning process that refocused the organization on multidisciplinary heritage practice and industry leadership. Natalie holds a Master of Applied Sciences (M.Sc.A) in Architectural Conservation from the Université de Montréal.





SESSION LEADERS AND SPEAKERS

Carolyn Butts Co-founder **Bon ECO Design** (**Tamworth, Ontario**)

Recycling and sustainable design feature in Carolyn's work. Bon ECO's designs are a response to the current world conditions of pollution, limited resources and dwindling energy supplies. Carolyn began creating with tires in 1991 finding inspiration from the historic tire fire in Hagersville, Ontario. Living a western lifestyle and knowing that privilege comes with an environmental price is a continuing source for Carolyn's creativity. The wasting of land and materials are a significant concern. Carolyn chose to live in a rural Ontario village for its wholesomeness.



Geoff Cape Executive Director, **Evergreen** (**Toronto, Ontario**)

Geoff is the founder of Evergreen and has been its Executive Director since its inception in 1990. Under Geoff's leadership, Evergreen, a Canadian charity, has grown to include over 75 staff with offices in Toronto, Calgary and Vancouver. Geoff attended Queen's University (Bachelor of Arts) and McGill University (Masters of Management). Geoff is an author and public speaker on urban space planning and themes related to social innovation. He is a founding member of the World Entrepreneurship Forum Evian, and a participant at the World Economic Forum, Davos. Geoff is founding Chair of the Sustainability Institute, a Board member of Parc Downsview Park, the Lake Ontario Park Steering Committee, Premier's Round Table on Voluntary Action, and the Creative Cities Leadership Group. In 2007 Geoff was awarded "Canadian Social Entrepreneur of the Year" by the Schwab Foundation.



Tamara Anson-Cartwright Heritage Advisor, **Ontario Ministry of Culture** (**Toronto, Ontario**)

Tamara has advised on the development of heritage conservation policies and programs. Currently, she is developing guidelines to assist ministries with managing provincially-owned heritage properties and the adaptive re-use of heritage properties to assist



municipalities and property owners. She is a graduate of the Architectural Conservation program at the International Centre for the Study of the Preservation and Conservation of Cultural Property (ICCROM), Rome, Italy and the University of Waterloo. She holds a Certificate in Management Essentials from the Executive Centre at the Schulich School of Business, York University. Tamara volunteers as Vice President of the ICOMOS International Scientific Committee for Stone.

Darryl Cariou Senior Heritage Planner, **City of Calgary** (**Calgary, Alberta**)

Darryl is the Senior Heritage Planner for the City of Calgary, a position he has held since 2003. He holds a B.A. in History of Art and Design from the University of Alberta and studied Environmental Design (Architecture) at the post-graduate level at the University of Calgary. Mr. Cariou is an accomplished heritage professional with over 15 years experience. In addition to his current position, he has worked as a consultant to architectural firms, private development companies and as a Heritage Planner for the City of Edmonton.



Geneviève Charrois Certification Manager, **Historic Places Branch, National Historic Sites Directorate, Parks Canada Agency** (**Gatineau, Quebec**)

Geneviève is an architectural conservation specialist within the National Historic Sites Directorate, Parks Canada Agency. Since her university degrees (B.Sc. Architecture, B.A. History of Art and Archaeology, M.A. Architectural History), she has mainly devoted her career to the field of heritage conservation. She is currently in charge of a program which certifies interventions proposed to historic sites requesting funding from the Canadian Government. She also sits on various committees where her conservation expertise, as well as her knowledge of Parks Canada Agency's policies and regulations, is requested. Prior to this, Geneviève has held different positions: designer of architectural projects, researcher and writer in the consultation field, architectural historian, and conservation architect.



SESSION LEADERS AND SPEAKERS

Quentin Chiotti
(Ph.D)
**Director of Atmospheric Issues
and Senior Scientist, Pollution
Probe**
(Toronto, Ontario)



Quentin joined Pollution Probe in 2002. He has a Ph. D. in Geography from the University of Western Ontario, and has published over 45 articles in scholarly journals and books. He is the co-lead author for the Ontario chapter to the report *From Impacts to Adaptation: Canada in a Changing Climate 2007* led by Natural Resources Canada, and is a member of the Ontario Expert Panel on Climate Adaptation. An associate member of the Graduate Faculty at the Centre for Environment, University of Toronto, Quentin was the recipient of the 2007 Canadian Association of Geographers Award for Service to Government or Business.

Stephen Collette
(BBEC, LEED AP)
Principal, Your Healthy House
(Peterborough, Ontario)



Stephen is a Certified Building Biology Environmental Consultant who's company Your Healthy House helps clients understand the interactions between the occupants, the building and the environment around them to ensure their spaces are healthier, greener, and more energy efficient than when they started. Stephen also works with Faith and the Common Good with their Greening Sacred Spaces – Green Audit as the Green Audit manager. This walk-through audit program helps faith communities address the environmental impact of their sacred space and helps define opportunities for green improvements.

Bruce Cox
**Executive Director, Greenpeace
Canada**
(Toronto, Ontario)



A lifelong environmentalist, Bruce's relationship with Greenpeace began at a young age when he attended a "Don't Make a Wave" rally against U.S. nuclear weapons testing. Before coming to work for Green-peace in 2004, Bruce spent two decades bringing his passion for the environment to provincial and federal

politics and held positions with the Ontario ministries of Energy and Environment and at Toronto City Hall. During Bruce's tenure as Executive Director at Greenpeace Canada, he has led the organization through a period of significant growth including the opening of new campaigns on Oceans and Tar Sands and an increase in budget and staff of over 50%. Bruce is a strong believer in non-violent civil disobedience and its ability to bring about societal change and believes environmental solutions must be socially just in order to be lasting.

John Dam
(P.Eng, LEED AP)
**Building Science and
Restoration, Read Jones
Christoffersen Ltd**
(Victoria, B.C.)



As part of RJC's Building Science Group, John has been involved in the evaluation, restoration and new design of a variety of building envelope projects. In addition, he has completed several historic building conservation projects as well as delivered talks on building envelope restoration and built heritage consultation in both educational and professional settings. In 1996, he received a degree in Structural Engineering from the University of British Columbia. He has since completed the AIBC Building Education Program in 2005 and was made Project Engineer with RJC in 2007.

Carl Elefante
(FAIA, LEED AP)
**Director of Sustainable Design,
QUINN EVANS | ARCHITECTS**
(Washington, D.C.)



Carl serves as principal-in-charge for a broad spectrum of projects including architecture, historic preservation, and community revitalization. He served on the Sustainable Communities Task Force of President Clinton's Council on Sustainable Development (PCSD) in 1994-95. Carl is President of the Potomac Valley Chapter of the American Institute of Architects, and sits on the Board of Directors of the Association for Preservation Technology International where he also served as co-chair of the Sustainable Preservation Technical Committee from 2005-08.



SESSION LEADERS AND SPEAKERS

Shawky Fahel
President and CEO, JG Group
(Waterloo, Ontario)

Shawky is a Waterloo-based entrepreneur who owns and operates the JG Group of Companies. The JG Group provides services that involve: general contracting, architectural woodworking, logistics solutions, property management, and startup ventures. Shawky attended Waterloo Lutheran University (WLU) in 1968 and has lived in the Kitchener-Waterloo area for over 40 years. In the year 2000 Shawky was awarded "Citizen of the Year" by The Twin City Jaycees of Kitchener-Waterloo for his outstanding community involvement, volunteerism, and business success. Shawky is a dedicated Rotarian who holds a Double Paul Harris Fellowship and has won various awards for humanitarian involvement and community leadership.



received the RAIC Medal. His thesis project, *Territorializing the Residual*, was awarded a *Canadian Architect* Student Award of Excellence. He is co-editor of *Vancouver Matters*, a book that critically examines the city through its material conditions. Joey works in the office of E.R.A. Architects and was the key organizer for *Found Toronto*, an installation recently exhibited at Harbourfront Centre's Architecture Gallery.

Sarah Gray
(P.Eng.)
Project Manager, Halsall
Associates Limited
(Burlington, Ontario)

Sarah advises building owners on strategies to repair heritage structures and contemporary buildings. She is currently a member of the Association for Preservation Technology, ASTM E06-24 (Building Performance, Heritage Sub-Committee), the Canadian Association of Heritage Professionals, and the Heritage Canada Foundation. Sarah was an appointed member of the Toronto Preservation Board in 2005-2006. Sarah holds a Bachelor's degree in Civil Engineering from the University of Cincinnati, and a Master's degree in Historic Preservation from the University of Pennsylvania.



Julia Gersovitz
(OAQ, OAA, FRAIC, FAPTI)
Partner, Fournier Gersovitz Moss
et Associés Architectes
(Montreal, Quebec)

Julia has thirty-four years of professional experience, with degrees in architecture from McGill University and historic preservation from Columbia University. She has established an international reputation for her work with heritage buildings. Her commitment to excellence in conservation has led her to four interrelated fields - private practice, teaching, design review commissions and community activism. In these capacities she is recognized as an architect, an architectural historian and as a conservation expert. As a partner in Fournier Gersovitz Moss et associés architectes, she has been responsible for numerous award-winning projects in the Montreal region and in eastern Canada. She was made a Fellow of the Royal Architectural Institute of Canada (1996) and a Fellow of the Association for Preservation Technology International (2008).



Beth Hanna
Director of Heritage Programs
and Operations, Ontario Heritage
Trust
(Toronto, Ontario)

Beth has worked in heritage, arts and culture management for more than twenty-five years. She leads the team responsible for the acquisition and stewardship of the Trust's natural and cultural heritage properties, conservation easements, cultural collections, public education programs, advocacy and community development initiatives. Beth has served on advisory committees for the Ministries of Culture, Health Promotion and Natural Resources. She works closely with other levels of government, First Nations and a broad range of community groups and conservation organizations. She leads the Trust's sustainability initiatives, working to enhance its performance as a sustainable organization.



Joey Giaimo
(B.Tech, M.Arch, MRAIC)
E.R.A. Architects
(Toronto, Ontario)

Joey is a graduate architect from the School of Architecture and Landscape Architecture at the University of British Columbia. Upon graduation, he was named to the RAIC Honour Roll and



SESSION LEADERS AND SPEAKERS

Melanie Hare
Partner and Planner, Urban
Strategies Inc.
(Toronto, Ontario)

Melanie has worked on master plans and reinvestment strategies and routinely analyses and prepares policy documents. Melanie leads the firm's sustainability practice, and takes an active role in transit supportive development planning, brownfield redevelopment and growth management. She is currently leading the Old Town and Dock Area Vision and Secondary Plan for the Town of Niagara-on-the-Lake and the Mayfield West Phase 2 Community and Sustainability Plan in Caledon. She has worked extensively with the Province's Ontario Growth Secretariat in preparation for the Growth Plan policy, in particular as it relates to employment strategies, urban growth centres and related policy. She has applied her understanding of the Growth Plan directions in preparation for the Region of Durham Growth Strategy and more locally, in places such as Bronte and Kerr Villages in Oakville.



Chris Harrison
(MRAIC, OAA, B.ARCH, BEDS, B.SC,
LEED AP,)
Principal, Vermeulen Hind
Architects
(Dundas, Ontario)

Chris has been a partner of the firm since 1999. He has an active interest in sustainable design and is a LEED Accredited Professional. He has worked closely on many projects with clients and engineering teams to integrate demanding technical requirements into humane and environmentally appropriate solutions. Chris worked as the LEED Specialist on the Burke Science Building Renovations at McMaster University. He has lectured on the topic of Sustainability of Engineered Structures educating policy makers on the merits of sustainable design. Chris graduated with a B.Sc. in Mathematics and Environmental Studies from the University of Victoria. He went on to study architecture at the Technical University of Nova Scotia in Halifax, graduating with a Bachelor of Architecture. Chris is a member of the Royal Architectural Institute of Canada (RAIC) and the Ontario Association of Architects (OAA).



Stephen Hazell
(M.Sc, LL.B)
Executive Director, Sierra Club of
Canada
(Ottawa, Ontario)

Stephen has served as Executive Director of Sierra Club Canada since May 2006, and previously led two other



national non-governmental organizations, the Canadian Parks and Wilderness Society and Canadian Arctic Resources Committee. Stephen currently co-chairs a joint industry-environmental group initiative advancing a national regulatory framework to reduce smog emissions. Stephen led the team at the Canadian Environmental Assessment Agency that developed the regulations for the implementation of the *Canadian Environmental Assessment Act*. In the late 1980s, he led a coalition of 40 Canadian environmental and indigenous organizations that developed Greenprint for Canada, a comprehensive set of environmental recommendations that led to development of the Mulroney government's Green Plan. He has published one book dealing with federal environmental assessment law and policy.

Nicholas Heap
Climate and Energy Policy
Analyst, David Suzuki Foundation
(Vancouver, B.C.)

Nick has worked for the David Suzuki Foundation since 2005. He works with government, agencies, professionals and other activists to advance sustainable solutions within government, utilities and the private sector. In 2007, Nick authored *Hot Properties: How Global Warming Could Transform B.C.'s Real Estate Sector*. Prior to his work for the Foundation, Nick worked in local government for seven years, including five years at Metro Vancouver developing policy on air quality, climate change and broader sustainability issues. Nick also led the development of several Community Energy Plans for B.C. municipalities and First Nations while working for the Pembina Institute. Nick has an M.A. in Community Planning from U.B.C..



Hans Honegger
Co-Founder, Bon ECO Design
(Tamworth, Ontario)

For more than forty years Hans has been actively engaged in the restoration and preservation profession. In the 1980's, his practical and hands-on approach was applied to Nelson, B.C. where he was Project Coordinator of the Main Street Project. Subsequently, he served as Assistant Director in charge of design for the Heritage Canada Foundation's Main Street Programme. He currently lives in the small town of Tamworth, Ontario, an OMAFRA Downtown Revitalization participant, where he and his wife are active in spirited community building projects. Together they operate Bon Eco Design. Their shop show-cases local, handmade and original material. Their installations, furniture and architecture heavily utilize recycled and sustainable fabric.





SESSION LEADERS AND SPEAKERS

Elana Horowitz
Senior Association, Ontario Growth Secretariat, Ministry of Energy and Infrastructure (Toronto, Ontario)

Elana is an urban designer, registered professional planner, and LEED Accredited Professional, with a degree in landscape architecture. She practiced landscape architecture and urban design for seven years in the private sector before joining the Secretariat. Elana has been a visiting critic and lecturer to design schools at a number of Canadian universities and is on the LEED for Neighbourhood Development (ND) Canadian Core Committee, which is responsible for overseeing the technical adaptation of the LEED ND in Canada.



Jennifer Iredale
Acting Director, Heritage Branch, Ministry of Tourism Culture and the Arts, Province of B.C (Victoria, B.C.)

Jennifer has been working in the field of historic preservation in British Columbia for over 30 years. Trained in history, museum studies and with a Master's of Science in Historic Preservation from Columbia University, she has been the Curator for well known historic sites such as Barkerville and Emily Carr House. From 2002 to 2008 she focused on heritage policy work in the areas of tourism, green building and climate action, youth engagement and training and education. Recently, she sat on the inter-ministry committee advising on the greening of the B.C. Building Code. She was also Co-coordinator with Mona Lemoine, B.C. Director of the Cascadia Green Building Council, organizing a series of three workshops on green rehabilitation and the application of the LEED rating system to heritage buildings.



Matt Johnson
(MRAIC, OAA, M.ARCH, BES)
Principal, Vermeulen Hind Architects (Ottawa, Ontario)

Matt joined the Vermeulen Hind team in 2002 and became a partner in 2007. He has managed numerous university projects throughout Ontario following them from design to construction close-out. Matt has a keen understanding of the complex technical requirements of institutional projects. Matt worked as the Project Architect on the Burke Science Building Renovations at McMaster



University. Matt graduated from the University of Waterloo's School of Architecture. His Master's Thesis studied environmental and cultural preservation in the context of northern tourism development. He is a member of the Royal Architectural Institute of Canada (RAIC) and the Ontario Association of Architects (OAA). Matt is the managing partner of Vermeulen Hind's Ottawa office.

Tim Jones
President and CEO, Artscape (Toronto, Ontario)

Tim has worked as a developer, grants officer, theatre and festival producer, capacity building specialist, consultant, activist, CEO, and board president. While seemingly diverse, all of these roles have involved figuring out how to marshal people, resources and momentum around ideas that make the arts more sustainable and cities more livable. Under Tim's direction since 1998, Artscape has grown from a Toronto-based below-market rate space provider into an international leader in building creative communities. As C.E.O. of Artscape, Tim has explored the relationship between creativity and place and has been a champion of arts-driven revitalization through projects such as The Distillery Historic District, Gibraltar Point Centre for the Arts, Creative Places + Spaces Conference, and numerous consulting projects in Canada, the U.S., and the UK.



Mike Layton
(M.E.S., LEED AP)
Program Manager, Green Energy, Environmental Defence (Toronto, Ontario)

Mike has been responsible for programs relating to water and green energy since 2006. Through his role, he has organized the Green Energy Act Alliance, a coalition of environmental groups, industry associations, farmers and labour unions, to promote renewable energy and conservation in Ontario. He was the lead researcher for Environmental Defence's report "Greening Canada's Buildings: Report Card" which developed a framework for evaluating elements of federal and provincial policies relating to the environmental impact of buildings in Canada. Mike is a graduate of the University of Toronto and York University with a Bachelor's degree in Political Science and Environmental Management and a Master's in Environmental Studies specializing in Urban Planning. Mike is currently a board member of Freshwater Future and Great Lakes United, both international environmental non-governmental organizations working to protect freshwater resources.



SESSION LEADERS AND SPEAKERS

Leo Longo
Senior Partner, Aird and Berlis
LLP. (Toronto, Ontario)

Leo is a senior partner and member of the firm's Municipal and Land Use Planning Group. Leo's practice is devoted to all areas of land use planning, development law and municipal law, representing both private and public sector clients. Leo has lectured at the School of Urban and Regional Planning at Ryerson University as well as York University's Schulich School of Business on real estate and the legal context of planning, and has been recognized as a Certified Specialist in Municipal Law: Local Government and Land Use Planning and Development by the Law Society of Upper Canada.



Vivian Manasc
(AAA, FRAIC, MBA, LEED® AP)
Senior Principal, Manasc Isaac
Architect Ltd.
(Edmonton, Alberta)

For no less than 20 years, Vivian has been known as a dedicated market leader in facilitating integrated planning and design processes, and for consistently achieving innovative, sustainable results. Vivian is Past President of the Royal Architectural Institute of Canada, Vice-Chair of the Canada Green Building Council, founding member of the Sustainable Buildings Symposium, and member, National Capital Commission Advisory Committee on Planning, Design and Realty (ACPDR). In 2002, Vivian was featured as Global Television's "Woman of Vision." She was also honoured with the YWCA Woman of Distinction Award in 1999. Vivian's firm, Manasc Isaac Architects, is the leading LEED® Certified Professional "green" architectural firm in Alberta, and has been recognized nationally and internationally with awards for design excellence.



Lori Martin
Senior Cultural Affairs Officer,
City of Toronto
(Toronto, Ontario)

As an urban planner, Lori joined Toronto Culture in 2001 and has worked on the adaptive reuse of industrial heritage buildings for cultural purposes such as the Wychwood Car Barns and Don Valley Brick Works. Lori



was an expert witness at the Ontario Municipal Board hearing regarding the West Queen West neighbourhood and more recently at the settlement hearing at the Distillery District. Her interests also include collaborating with others who are committed to increasing creativity in the places where we live with the goal of developing new ways to stimulate regional prosperity by leveraging the connections between culture, economy and place.

David McAuley
Architect and Building Biologist
(Guelph, Ontario)

After a degree in Environmental Studies, David completed his architectural degree at the University of Waterloo and soon established his practice located in a converted Victorian home in Guelph since 1982. David received special designation as a building biologist and consults for new construction and alterations designing healthy sustainable places. He convened the first ever Healthy Buildings Conference at the University of Waterloo and speaks regularly on the subject. He has completed condition/feasibility studies and sympathetic designs for historic buildings in Ontario to resolve common problems of older buildings and new requirements. As a member of the Green Building Council, the office's building projects throughout Ontario focus attention on environmental sustainability.



Michael McClelland
(OAA FRAIC)
Principal, E.R.A. Architects
(Toronto, Ontario)

Michael is a registered architect with over twenty years of experience. His work covers urban design and heritage planning in addition to building conservation. He is also actively involved in the public promotion of Canada's architectural heritage. Prior to establishing E.R.A. Architects Inc. with Edwin Rowse in 1990, Michael McClelland worked for the Toronto Historical Board, advising on planning, permit and development applications, and on the preservation of City-owned museums and monuments. In 1999 he was awarded a certificate of recognition from the Ontario Association of Architects and the Toronto Society of Architects for his outstanding contribution to the built environment and to the profession of architecture and in 2006 he was made a Fellow of the Royal Architectural Institute of Canada.





SESSION LEADERS AND SPEAKERS

Richard Moorhouse
Executive Director, Ontario
Heritage Trust
(Toronto, Ontario)

The Ontario Heritage Trust is a government agency responsible for the identification, protection, renewal and promotion of Ontario's cultural and natural heritage. Richard is a graduate of the University of Waterloo with degrees in Environmental Studies and Architecture and is a member of the Ontario Association of Architects. He has over 30 years of experience working in heritage conservation in Ontario and was instrumental in the protection and preservation of a number of sites of provincial and national heritage significance, in the creation of the Lieutenant Governor's Ontario Heritage Awards, Trails Open Ontario, the Ontario Places of Worship Inventory and the publication *Ontario's Heritage: a celebration of conservation*.



Gallery of Ontario. Her degrees in Architecture and Environmental Studies (concentrating on cities) provide the foundation for her research into Toronto's architecture and history. Through her company, Citywalks, Marta has created and presented walking tours for corporate groups, tourists, and Torontonians. Marta is a member of the Board of Directors of Heritage Toronto where she chairs the Public Programming Committee.

Ting Pan
(MSc, LEED AP)
Researcher and Project Manager,
Recollective Consulting
(Vancouver, B.C.)

Ting holds a Bachelor's degree in Mechanical Engineering and a Master's of Science degree in Resource Management and Environmental Studies. At Recollective, a Vancouver-based green building and sustainable community consulting company, she manages and supports 13 active green building projects. She also directs and conducts project related research and has instructed green building professional training courses. She has been invited to present her research and speak to graduate students at the University of British Columbia, to developers and architects in Vancouver and to practitioners in courses and lectures at Simon Fraser University.



Catherine Nasmith
Principal, Catherine Nasmith
Architect
(Toronto, Ontario)

Catherine Nasmith Architect has offices in Kensington Market in Toronto and the former general store and post office in Windermere, Ontario, specializing in heritage research and restoration, custom residences, urban design and heritage conservation district planning. Catherine is the Past President of the Architectural Conservancy of Ontario, (ACO). She is Past Chair of the Toronto Preservation Board. She was involved in founding the Doors Open program in Toronto, the first in Canada. In 2005 the Ontario Association of Architects awarded her the Order of da Vinci Medal for service to the community and the profession. She is also a recipient of the Queen's Jubilee Medal for her work on behalf of Ontario's heritage.



Leanne Piper
City Councillor
(Guelph, Ontario)

Leanne is a City Councillor in the City of Guelph, Past-Chair of Heritage Guelph, Board member of the Guelph Historical Society and Editor of ACORN, the Journal of the Architectural Conservancy of Ontario. She also works as a writer and editor in the magazine business and is working on several book projects, including a history of the Guelph Police Service and Ontario schoolhouses.



Marta O'Brien
Citywalks
(Toronto, Ontario)

Marta has been sharing her knowledge of Toronto's architecture and history for 15 years. She teaches architectural history courses that she has developed for the University of Toronto, Ryerson University, George Brown College, and the Art



SESSION LEADERS AND SPEAKERS

Philip Parker
(B.A.Sc., P.Eng., MRICS)
Associate, Read Jones
Christoffersen (Vancouver, B.C.)



Phil's background in materials engineering and instrumentation, and extensive in-field experience, have made him the specialist in heritage building conservation at RJC. Since joining RJC in 1996, Phil has been involved in establishing the Nanaimo office and project management for the Building Science and Structural Restoration Group in Victoria Between 2001 and 2004. He has been recognized by his peers through awards of honour and merit, from the City of Vancouver and Consulting Engineers Association of BC, respectively. In addition to being a published author, Phil is a guest lecturer and instructor at Camosun College, Victoria, and the British Columbia Institute of Technology.

David Pretlove
Vice-Chair of the Cabbagetown
Preservation Association
(Toronto, Ontario)



David is Vice-Chair of the Cabbagetown Preservation Association, coordinator of the Walking Tour program for the CPA and a walking tour guide in Cabbagetown for over ten years. The CPA is a volunteer organization founded 20 years ago to advance and promote the heritage and architectural values of the Cabbagetown community located in downtown Toronto. David is a member of the Toronto-East York Preservation Panel for the City of Toronto. He also serves as the Vice-Chair of the Board of Jump Math, a national numeracy program, and Chair of its Governance Committee. In his professional life, David is an Executive Assistant to the Hon. Kathleen Wynne, Minister of Education in Ontario.

Norman Ragetlie
CED Specialist, Ontario
Ministry of Agriculture, Food
and Rural Affairs
(Guelph, Ontario)



Norman is a Planner by profession with 20 years of public sector experience, with 10 years in a local government context focusing on creating sustainable communities. Over the last

decade he has worked with the Ontario Ministry of Agriculture, Food and Rural Affairs developing resources to help rural communities respond to their economic development priorities. He has led the development of the Ministry's downtown revitalization resources and has a Master's degree in Rural Planning and Development from the University of Guelph.

Susan Ratcliffe
President, Guelph and
Wellington Branch,
Architectural Conservancy of
Ontario
(Guelph, Ontario)



Susan is a member of Heritage Guelph and an active heritage volunteer. She is also Archivist for the Guelph Historical Society, and a 22-year guide for the Guelph Arts Council Historical Walking tours. She is the author of several essays and other writings about Guelph, and has done many illustrated presentations about Guelph's heritage.

Susan Ross
(OAQ, MRAIC, LEED AP)
Senior Conservation Architect,
Heritage Conservation
Directorate, Public Works and
Government Services Canada
(Gatineau, Quebec)



Susan is an architect specialized in heritage conservation and sustainable design. She holds a Masters in Planning (Conservation of the Built Environment) from the Université de Montréal. Since 2002, she has worked with the Heritage Conservation Directorate (PWGSC) in Gatineau, Quebec, where she is the lead on integrating heritage conservation and sustainability in policy, training, tools and projects. Prior to that she worked in architectural firms in Montreal and Berlin on a range of projects for adaptive reuse. She was Canadian Co-Chair of the Technical Committee on Sustainable Preservation of APTI from 2006 to 2007, and has written and lectured extensively on integrating sustainability and heritage conservation.



SESSION LEADERS AND SPEAKERS

Paul Sapounzi
Partner, The Ventin Group
Architects
(Cambridge, Ontario)

Paul is Partner-in-Charge of Business Development and Design with The Ventin Group Architects. The firm has offices in Toronto, Cambridge and Brantford. Paul is a graduate of the University of Waterloo where he earned the American Institute of Architects Gold Medal of Scholarly Excellence. He has been involved with heritage buildings and national historic sites such as Queen's Park, MaRS Centre, the historic Don Jail, Castle Kilbride, Queen's University and the Upper Canada Law Society. His professional affiliations include the Association for Preservation Technology International and the Canadian Association of Heritage Professionals.



and Spire, as well as three adaptive re-use projects: Kensington Market Lofts, Tip Top Lofts and The Loretto. Between 1985 and 1995 with General Leaseholds Limited, he developed commercial projects throughout Ontario. Prior to becoming a developer, Alex practiced architecture in Vancouver, Alberta and Jerusalem. He has recently joined ONE Development Corporation as President with a mandate to develop innovative and sustainable urban projects. Projects currently underway include galleryLOFT-towns, 620 King West and 330 Adelaide West in Toronto.

Graeme Stewart
Graduate Architect, E.R.A.
Architects (Toronto, Ontario)

Graeme has worked on a variety of planning and reuse projects for some of Toronto's major historic sites and has written extensively on Toronto's urban form. His area of specialty is Toronto's post-war urban and suburban planning history as well as urban sustainability. His international research and thesis work was instrumental in founding the Tower Renewal Project, an initiative in modern heritage examining the future of Toronto's remarkable stock of concrete towers. Graeme is also the co-editor of *Concrete Toronto: A Guidebook to Concrete Architecture from the Fifties to the Seventies*. He has studied architecture in Canada and Germany and received his Master of Architecture from the University of Toronto.



Robert Shipley
Associate Professor, School of
Planning, University of Waterloo
(Waterloo, Ontario)

Robert completed his Ph.D. in 1997 at the School of Planning, University of Waterloo. He is the Chair of the Heritage Resources Centre and a Research Fellow at Oxford Brookes University in Oxford, England. Professor Shipley is in the forefront of research in the area of culture, heritage and tourism and particularly in the economic aspects of heritage development. Studies on the financial values of heritage properties and the demolition of historic buildings have been key documents in improving heritage planning in Canada. He then received the Award of Merit in 2006 from the Canadian Association of Heritage Professionals.



Melissa Stickl
Master of Architecture Student,
Carleton University
(Ottawa, Ontario)

Melissa is a recent graduate of the Master of Architecture program at the Azrieli School of Architecture and Urbanism, Carleton University, Ottawa. Her Master's thesis entitled *"In-Transition' Towards an Ethos of Sustenance For Our Lady School"* was well-received by her defense panel who thought her work was original, relevant and sensitive to the transitory state of Lowertown West Ottawa. Melissa previously graduated from the Bachelor of Architectural Studies program at Carleton with high distinction and received a Senate Medal at convocation. Her research interests include architectural regionalism, the regenerative power of heritage conservation and sustainability for underused and abandoned sites, as well as hybrid modes of representation.



Alex Spiegel
Architect, President, ONE
Development Corporation
(Toronto, Ontario)

Alex has developed a wide range of projects - commercial, residential and mixed use - over the past thirty years. He is a registered architect with a strong interest in sustainable design. As Director of Development with Context Development from 1996 to 2006, he developed residential and mixed-use projects in Toronto including District Lofts, Ideal Condominium, Mozo, Radio City, Home



SESSION LEADERS AND SPEAKERS

Diane Switzer
Executive Director, Vancouver
Heritage Foundation
(Vancouver, B.C.)



Diane is a native Vancouverite. She has been Executive Director of the Vancouver Heritage Foundation (VHF) since 2000. During this time, Diane has grown the Foundation from a home-based organization with an annual budget of under \$100,000—dependent solely on the City of Vancouver for funding—into a community based organization with annual revenue sources of almost half-a-million dollars. Today the VHF offers a wide spectrum of education, public awareness and granting programs, and interacts in some way with about 5,000 people a year. Prior to joining the VHF, Diane served as Executive Director of the Society for Preventive Health Care in British Columbia. Her professional background is as a public school teacher and an education coordinator at the Vancouver Aquarium.

Ian Trites
(OAA PMP MSc BArch BEDS
BSc)
Head of Architectural Design,
Toronto Transit Commission
(Toronto, Ontario)



Ian is a registered Architect in Ontario and a certified Project Management Professional. Currently working in the field of public transit, Ian is the Head of Architectural Design for the TTC and oversees the design of new and retrofitted TTC facilities including subway stations, vehicle storage and repair garages. Current initiatives include integrating the Toronto Green Development standards into designs for new and existing buildings. Ian is a resident of Wards Island, and has designed a number of structures on the islands including the Shaw House for seniors, which was renovated with assistance from the Toronto Atmospheric Fund.

Wayne Trusty
President, ATHENA Sustainable
Materials Institute (Merrickville,
Ontario) and Athena Institute
International (USA)



Wayne has almost 40 years of experience in resource industry economics, water resources, transportation, energy policy, and regional development. He is an Adjunct Associate Professor on the University of Calgary's Faculty of Environmental Design, a

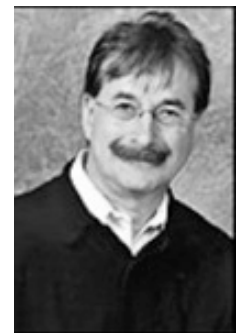
member of the board of the Green Building Initiative, and Chair of the Technical Committee established in the U.S. to take the Green Globes rating system through a full American National Standards Institute process. He also serves on the Metrics and Life Cycle Assessment task force for Canada Green Building Council and, until recently, on the United States Green Building Council LEED Resources and Materials Technical Advisory Group.

Hilary Van Welter
Sustainability & Social Innovation
Portfolio, Windfall Ecology Centre
(Aurora, Ontario)



Hilary is the past Chair of Windfall Ecology Centre and currently heads up Windfall's Social Innovation and Sustainability Portfolio. Hilary is also an entrepreneur who, as the CEO of Ascentia, loves working at the "new frontiers"—uncovering uncharted territory and unleashing hidden potential—within the person, family, organization, community, business or marketplace. She has spent 30 years bringing diverse opinions and viewpoints together to find solutions to complex issues. This experience came in handy this year when she designed and facilitated a series of Design Studios and wrote the *Conserve~ Preserve Guidebook*.

François Varin
Executive Director, Fondation
Rues Principales
(Quebec City, Quebec)



François is an architect by training who has developed and implemented the Main Street approach in the province of Quebec since the mid-1980s. He and his team at the Fondation Rues Principales have worked with more than 200 municipalities in Quebec and other provinces across Canada, proposing socio-economic revitalization projects that promote the involvement of local players in the development of their downtowns. Previously, Mr. Varin worked for Parks Canada on the restoration of Canadian historical sites as well as the City of Quebec where he was responsible for the management of building construction permits in the historical district of Old Quebec.



Jessica Webster
Community Planning Analyst,
Sustainable Buildings and
Communities, Natural
Resources Canada (NRCAN)
(Ottawa, Ontario)



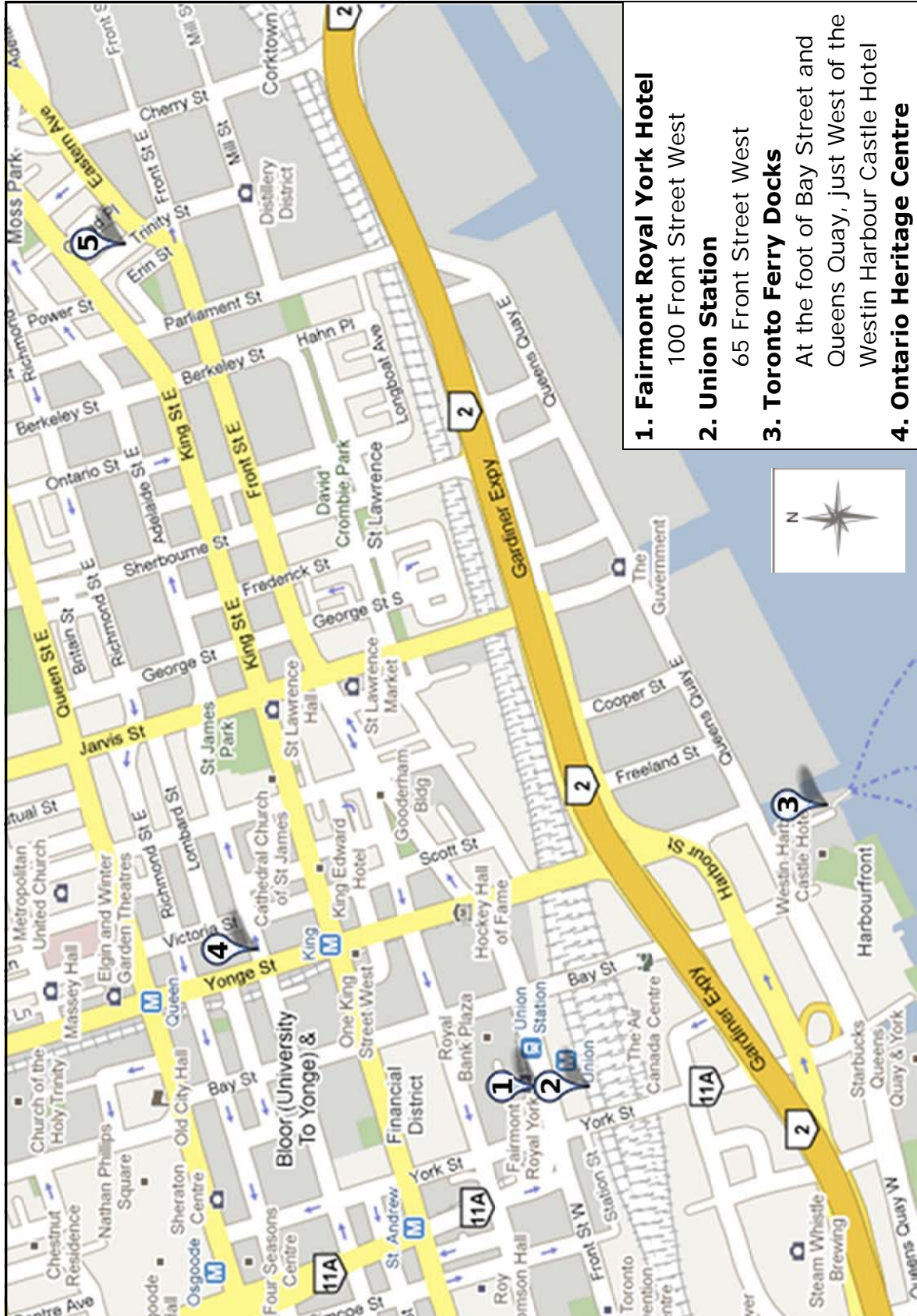
Jessica holds a Bachelor of Arts in Geography from Carleton University and a Master's of Strategic Leadership towards Sustainability from the Blekinge Institute of Technology in Karlskrona, Sweden. Since joining the Sustainable Buildings and Communities group at NRCAN in 2005, her research has focused on the relationship between urban form and energy use in neighbourhoods and communities. In addition to managing the Urban Archetypes project, Jessica is leading the development of an integrated land use and energy model for the City of Prince George, British Columbia. She sits on the federal Technical Committee on Urban Energy Characterization, the federal advisory group on the New Spatial indicators for Canada's Settlements and other federal working groups on community sustainability.

Tim Weis
(P. Eng)
Director of Renewable Energy
and Efficiency Policy,
Pembina Institute
(Gatineau, Quebec)



Tim has written numerous technical reports and development manuals on renewable energy and energy efficiency on issues at national, provincial and municipal levels as well as issues specific to First Nations' and northern contexts. He has assisted more than 20 communities at various stages of development of renewable energy projects. Tim has also worked as a renewable energy consultant examining wind energy challenges in Northern communities. Tim is currently completing his Ph.D at the Université du Québec à Rimouski studying wind energy development in remote Canadian communities, and has a Master's of Mechanical Engineering degree from the University of Alberta where he studied ice adhesion to wind turbine blades.

CONFERENCE SITE MAP



- 1. Fairmont Royal York Hotel**
100 Front Street West
- 2. Union Station**
65 Front Street West
- 3. Toronto Ferry Docks**
At the foot of Bay Street and
Queens Quay, just West of the
Westin Harbour Castle Hotel
- 4. Ontario Heritage Centre**
10 Adelaide Street East
- 5. Enoch Turner Schoolhouse**
106 Trinity Street



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