

time and a place



Environmental histories,
Environmental futures,
and Prince Edward Island

June 13-18 / 2010
Prince Edward Island
hosted by the Institute of Island Studies at UPEI

What can this place teach us?

Walk anywhere on Prince Edward Island, the postage-stamp of a province on Canada's east coast, and you know that it's been walked before. The Island has been home to Mi'kmaq for ten thousand years, French and English settlers more recently, and now Canadians. It has experienced intensive resource use for centuries and its forests, fisheries, and farmlands carry the wounds of soil and water contamination, urban and shoreline development, and coastal erosion. The Island is such a cultural artifact that one can be forgiven for thinking that its nature is nothing but history, time masquerading as space. And yet what has survived is a place still so pastoral, so beautiful that it attracts a million visitors every summer.

PEI's long and well-documented history, its small size, its status as a distinct political entity, and, of course, its islandness make it a compelling case for studying how past environmental attitudes and practices have shaped a place's society and ecology. This weeklong workshop brings together more than 60 local, national, and international participants to uncover the links between the Island's past, present, and future. The goals of the event are both local and global, pragmatic and theoretical:

- to develop understanding of PEI's environmental history, and to bring together scholars working around that field,
- to assist future environmental planning on PEI, and
- to explore the value of islands for the study of environmental history and more broadly for crafting comprehensive plans for sustainability.



Welcome



Welcome to our island! Or, as we like to call it, *the Island*. The Institute of Island Studies is very pleased to collaborate with NiCHE to bring you “Time and A Place” — which I hope you will find to be a rewarding and productive process of experience, exchange, discussion and analysis. For the next week you will have the pleasure — and the pain — of contemplating the environmental history of Prince Edward Island, and what it can teach us. Through field trips and workshops we will experience PEI’s forests, fields and shores, and exchange views with knowledgeable Islanders. We will also contrast and compare the experience here with that of far-flung places including Iceland, Chiloe and Australia. It is my hope that this week’s activities, many of which are open to the public, will in some way influence the process of environmental policymaking on PEI. On our small island, as for thousands of others across the planet, this era of climate change promises to be extremely challenging. We need to learn what we can from history to help us meet current and future environmental challenges with sound public policy and timely action.

Irené Novaczek
Director, Institute of Island Studies

The Institute of Island Studies 1985-2010 www.upei.ca/iis/

The Institute strives to improve the quality of life on Prince Edward Island through practical applications of the scholarly field of Island Studies. Together with our volunteer Advisory Council and an international roster of Research Associates, the Institute works to fulfill a four-point mandate:

- to encourage a deep knowledge, understanding and cultural expression of Prince Edward Island;
- to serve as a bridge between the University and Island communities;
- to promote progressive public policy on Prince Edward Island;
- to undertake comparative studies of PEI and other islands.

Under the imprint **Island Studies Press**, the Institute also publishes important books and videos dealing with the history, culture, political life, and environment of PEI.



Welcome



It's a great pleasure to welcome you to "Time and a Place." We see this as a real opportunity to bring together experts about places and *this* place, pasts and *this* past, and have them learn from one another. To the Islanders, I would ask that you share your knowledge of PEI's environment and history, and be open to the insights that fresh eyes bring. To the "come-from-aways" — and so far away! Australia, Chile, Iceland, Great Britain, the United States, and six Canadian provinces — we look forward to having you share your understanding of environment and history, and hope you take away fresh observations about how the two interact. And to everyone, I would ask that we constantly ask what lessons that this past and this place might offer the future — its, and everyone's.

Alan MacEachern

Director, NiCHE: Network in Canadian History & Environment
and Associate Professor, History, The University of Western
Ontario

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Sunday June 13

Registration

4:00 pm Registration Desk opens
Andrew Hall residence, UPEI

Welcome

6:00 pm **Conference Reception**
(finger foods and cash bar)
Art Gallery, Confederation Centre of the Arts,
145 Richmond St., Charlottetown

6:30 pm Irené Novaczek, Institute of Island Studies
Alan MacEachern, NiCHE

Introduction to the Art Exhibit / *Kevin Rice*

7:30 - 8:30 pm Keynote speaker / *Finis Dunaway*

Taxi / van / walk to UPEI

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7:30 - 8:30 pm

Studio One, Confederation Centre of the Arts,
Charlottetown PEI

Dr. Finis Dunaway, Trent University

Seeing Connections: Environmental History and Visual Culture

Why do images matter to environmental history? This lecture will draw on a wide array of visual texts — including landscape paintings, photographs, mass media, and contemporary art — to examine crucial methodological issues that arise at the intersection of environmental history and visual culture. I will explain how images can enrich our understanding of major problems in the field, from shifting cultural perceptions of the natural world to material changes in the environment and the emergence of various forms of environmental politics. Although most of my examples will be taken from U.S. history, I will discuss and attempt to model interpretive strategies applicable to diverse settings and contexts.

Finis Dunaway is Associate Professor of History at Trent University, where he teaches courses in modern United States history, visual culture, and environmental studies. He is the author of *Natural Visions: The Power of Images in American Environmental Reform* (2005) and of articles in *American Quarterly*, *Environmental History*, *Raritan*, and other journals. He is writing a book tentatively titled *From the Atomic Bomb to Global Warming: The Environmental Crisis in American Visual Culture*.

Aboriginal History

- 8:45 am** Welcome to UPEI / *President Wade MacLauchlan*
Welcome to the Mi'kmaq territory / *Keptin John Joe Sark*
- 9:00 am** "Two-eyed Seeing" / *Albert Marshall, Mi'kmaq elder*
- 9:50 - 10 am** **Load buses for Lennox Island First Nation**
Bus commentaries / *Sharon Labchuk* (environment) and
Randy Angus (Mi'kmaq resource use)
- 12 noon** Welcome at Pow Wow grounds / *Chief Darlene Bernard*
Sacred fire ceremony / *Keptin John Joe Sark*
Honour song / *Tiffany Sark*
Medicine Trail Walk / *Dave Haley*
- 1:00 - 1:50 pm** **Lunch at the Minegoo Lobster plant cafeteria, and tour**
- 1:50 - 2:00 pm** **Load buses for Lennox Island EcoCenter**
- 2:00 - 3:00 pm** Pre-contact archaeology / *Helen Kristmanson*
- 3:00 - 3:30 pm** Impact of colonization on Mi'kmaq resources / *Keptin J.J. Sark*
- 3:30 - 4:00 pm** Williche history and the environment of Chiloe Island,
Chile / *Ana Maria Olivera*
- 4:00 - 4:10 pm** **Load buses for Summerside Wind Farm**
- 4:45 pm** Tour of Summerside Wind Farm / *Terry Murphy*
- 5:00 pm** **Load buses to Eptek Centre, Summerside**
- 5:10 pm** **Tea and biscuits at Eptek Centre, view exhibits**
- 6:00 - 7:00 pm** Public keynote lecture / *Donald Worster*
- 7:00 - 8:15 pm** **Dinner at the Loyalist Inn, Summerside**
- 8:30 pm** **Buses leave for Charlottetown (1 hour drive)**



6:00 - 7:00 pm

Eptek Centre, Summerside, PEI

Dr. Donald Worster, University of Kansas

North Americans in an Age of Limits

Dr. Worster will discuss the themes of scarcity and abundance and, specifically, the debate over limits to growth that developed after World War Two. Much of the debate occurred in the U.S., but it carried over into Canada and the UK and touched the whole international community deeply. From an environmental point of view the policies and schools of thought that emerged from this debate make it, arguably, the most important issue on the agenda for policy makers and historians alike.

Donald Worster is professor of U.S. history, environmental studies, and director of the graduate program at the University of Kansas. His books include *The Dust Bowl: An Agricultural and Social History*, *Under Western Skies: Nature and History in the American West*, *Nature's Economy: A History of Ecological Ideas*, *The Wealth of Nature: Environmental History and the Ecological Imagination*; and *A River Running West: The Life of John Wesley Powell*.

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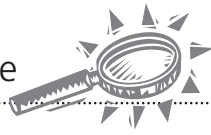
Forests

- 8:45 am Rapporteur / *Alan MacEachern*
- 9:00 - 10:00 am “The Forests of PEI: an Historical Study” / *Doug Sobey, University of Ulster*
- 10:00 - 10:20 am **Tea and coffee break**
- 10:20 - 11:20 am Forest Disturbance / *William Glen*
Responses / *Bill Parenteau, Mark McLaughlin, Sinead Earley*
- 11:20 - 12:30 pm Watershed histories / *Libby Robin, Irené Novaczek, Darren Bardati, Omer Chouinard, George Main*
- 12:30 - 1:20 pm **Lunch at Wanda Wyatt Dining Hall, UPEI campus**
- 1:20 - 1:30 pm **Load buses to Strathgartney Provincial Park**
- 2:00 - 2:50 pm Acadian forest walk / *Doug Sobey*
- 2:50 - 3:00 pm **Load buses to Bonshaw Community Centre**
- 3:05 - 3:20 pm **Afternoon tea and biscuits at Bonshaw Community Centre**
- 3:20 - 4:30 pm “Writing the Landscape” / *Deirdre Kessler*
- 4:30 - 4:40 pm **Load buses for return to Charlottetown**
- 5:15 - 6:30 pm **Dinner at the Olde Triangle Pub, Charlottetown**
- 7:30 - 8:30 pm Public keynote lecture / *Graeme Wynn*

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Conference at a Glance



PULL-OUT SECTION

Register



Sunday afternoon or 8:00 - 8:45 a.m. any morning, outside of the McDougall Hall Lecture Theatre, Room #242

Transportation



Taxi – call 892-1111 or 894-1111

Public transit bus (see schedule in registration kit). Fare to downtown is \$2. Buses do not run on Sunday.

Walking to downtown takes about 20 minutes (straight downhill from UPEI along University Avenue or any parallel street) OR try the Confederation walking trail (up to the shopping centre or down to Charlottetown Harbour). Conference vans – if available, will leave from Andrew Hall parking lot.

All UPEI sessions

in Lecture Theatre, McDougall Hall, Room #242

Breakfast



for residence dwellers starting 7:00 am at Wanda Wyatt Dining Hall, UPEI (can be reached by elevator from ground floor of Andrew Hall)

UPEI coffee breaks

are in Schurman Market Square, or in the hallway outside the Lecture Theatre

All UPEI meals

including Friday banquet buffet are in Wanda Wyatt Dining Hall

Bus loading times

All buses load and leave from in front of Andrew Hall residence at the stated time. We cannot wait for stragglers so PLEASE be on time.

If you miss the bus

(not recommended) ... look for Josh MacFadyen's van, which will leave 5 minutes after the bus. Seats in the van are NOT guaranteed.

FIELD TRIP TIPS



Fill your water bottle from the tap each morning.

Field excursions will happen, rain or shine; check distances before embarking on any given walk.

Bring layered clothing, windbreaker, conference bag for carrying water and snacks; wear comfy walking shoes.

Be on time for bus departures.

EMERGENCY AND MEDICAL INFORMATION

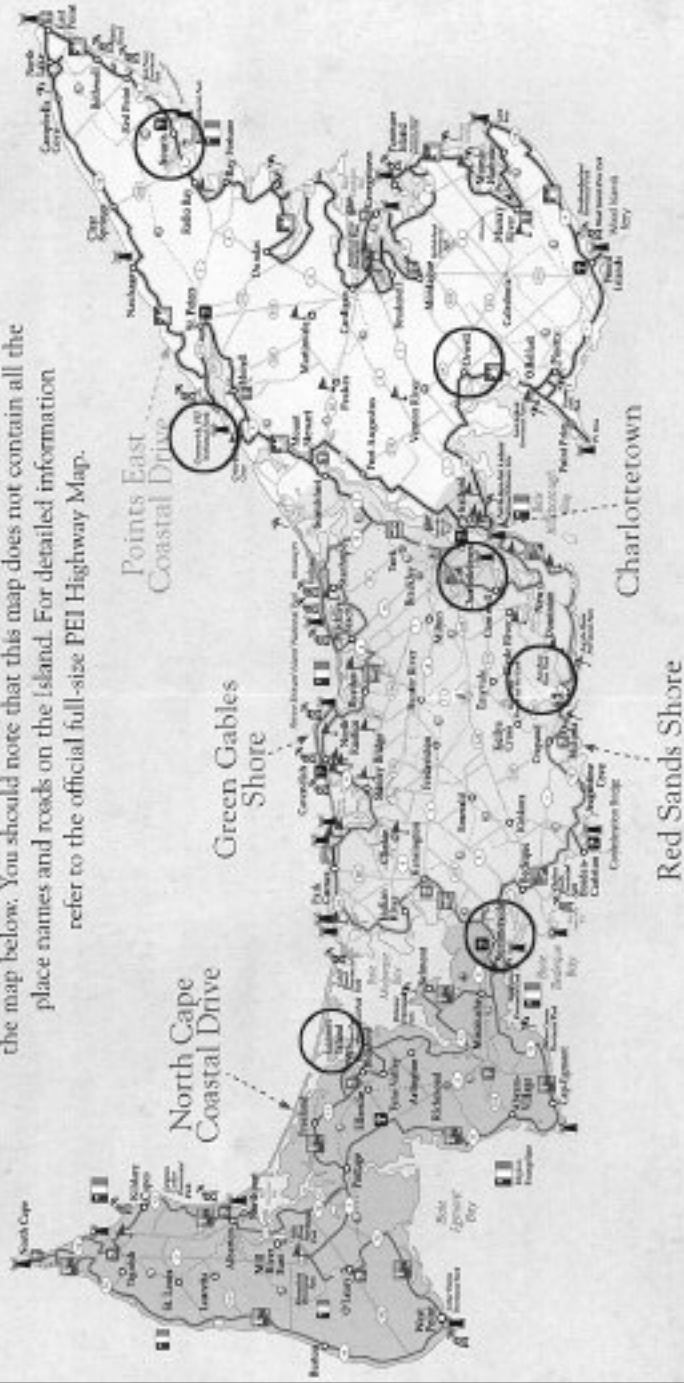
In case of emergencies call 911 first. If at UPEI, notify the campus police (566-0384).

The nearest pharmacy is in the Superstore, 465 University Avenue, 629-2788
The nearest walk-in clinic is Four Neighbourhoods Community Health Clinic, 152 St. Peters Road, 368-6930

Lunch		1 - 2 PM Minegoo Lobster Plant	12:30 - 1:20 Wanda Wyatt UPEI	at fresco Greenwich shore	Box lunch on the bus	12:30 - 1:15 Wanda Wyatt UPEI
Fieldtrips workshop panels		Pre-contact archeology <i>Impact of colonization on Aboriginal resource use</i> 4 PM BOARD BUSES for Summerside Wind Farm Eptek Center	1:20-1:30 BOARD BUS for Strathgarny Provincial Park Acadian forest walk <i>Writing the landscape</i> Bonshaw Community Centre	Pre-contact & Acadian archeological sites OR <i>Dune history and conservation</i> OR Greenwich Interpretive Centre 4 PM BOARD BUS for Souris	Sweet Clover Farm walk & talk <i>Agriculture in the environment</i> 3PM BUSES to Orwell Farm Museum Tour of museum & historic village OR Tour of Macphail woods project	1:15 PM <i>Role of civil society in environmental practice</i> case study & panel 2:30 - 3 PM Break 3 PM <i>Academics and environmental policy</i> panel 4 PM Evaluation & Next Steps
	-5 - 6 PM	6 PM Welcome, reception in Art Gallery	5 PM Pub Dinner: The Olde Triangle, Charlottetown	5 PM Traditional Lobster Dinner: Bluefin Restaurant, Souris	5 PM Country Dinner: Sir Andrew Macphail Homesitead, Orwell	5:30 PM Buffet banquet, Wanda Wyatt, UPEI
Evening events		6 PM Eptek Center Don Worster <i>North Americans in an Age of Limits</i> 7 PM Dinner: Loyalist Inn Summerside 8:30 PM Return to Charlottetown	7:30 PM MacDougall Hall UPEI Graeme Wynn <i>Time, Place and Trees: Forest Scenes and Incidents in Eastern North America</i>	7 PM Souris Show Hall Daniel Pauly <i>Crisis & Opportunity: The History and Future of Global Fisheries</i> 8:10 PM Return to Charlottetown	7:30 PM MacDougall Hall UPEI Harriet Ritvo <i>Silent Partners: Animals, Domestication and Environment</i>	7:30 PM MacDougall Hall UPEI Toby Elaine Vigod <i>Environmental Law: Are We Making Progress?</i> Teresa Doyle Jazz Trio cash bar
		7:30 PM Studio Theatre One Finis Dunaway Seeing Connections: Environmental History and Visual Culture				

Prince Edward Island Locator Map

For easy touring the Island is broken into five distinct regions as shown on the map below. You should note that this map does not contain all the place names and roads on the island. For detailed information refer to the official full-size PEI Highway Map.





7:30 - 8:30 pm

McDougall Hall, UPEI

Dr. Graeme Wynn, University of British Columbia

Time, Place and Trees: Forest scenes and incidents in eastern North America

There have been very few environmental histories of the forests that blanket much of Atlantic Canada. This lecture plunges into the forests of the Canadian Maritime provinces to sketch something of their changing form, extent, appraisal and importance through time. To provide a long view, while remaining sensitive to the diversity of this region, it focuses on trees in particular times and places or specific forest scenes and incidents. Dr Wynn argues for the signal importance of forests in the development of this area, as well as for the value of historical and geographical perspectives in the quest to understand human-environment interactions.

Through the four decades of his professional career, **Graeme Wynn** has sought to understand human transformations of the earth. The core of Wynn's work has always been interdisciplinary, rooted in geography and history and engaged with the environmental sciences. A fair part of his work has turned, in one way or another, on the histories and geographies of forest exploitation, conservation, preservation and management. Wynn's academic writing has been directed, over the years, to both specialist scholars and the educated lay public (through such contributions as the extended chapter he was invited to write for *The Illustrated History of Canada*) in the conviction that it is important to communicate the fruits of academic research to an audience beyond the academy. His research contributes to debate and discussion on, and understanding of, the development of European settlements overseas, the history of migration, the connections between environment and empire, and the developing field of environmental history. His most recent book is *Canada and Arctic North America: An Environmental History* (2007).

Wednesday June 16 / TODAY'S PROGRAM

Water

- 8:45 am** Rapporteur / *Alan MacEachern*
"I am the Road" / *Deirdre Kessler*
- 9:00 - 9:45 am** "Go Fish: The Historical Fisheries of PEI" / *Edward MacDonald, Boyde Beck*
- 9:45 - 10:00 am** **Pick up refreshments, load the buses to Greenwich, PEI National Park (50 minute drive)**
Commentary on invasive species / *Irené Novaczek*
- 11:00 - 12:30 pm** Icelandic Fisheries / *Anna Karlsdottir*
Responses / *Dean Bavington, Sara Roach-Lewis, Paul Gallant*
- 12:30 pm** **Load buses for picnic lunch at Greenwich beach shelter**
- 1:30 pm** Guided walks:
Pre-contact and Acadian archaeological sites (2km) / *David Keenlyside*
OR Parabolic dunes (5 km) / *Rosemary Curley, Kate MacQuarrie*
OR Exploration of the Greenwich Interpretive Centre
- 4:00 - 4:10 pm** **Load buses to Souris**
- 5:00 - 6:00 pm** **Traditional lobster dinner, Bluefin Restaurant, Souris**
- 6:00 - 7:00 pm** **Local entertainment, cash bar at Souris Show Hall**
- 7:00 - 8:00 pm** Public keynote lecture / *Daniel Pauly*
- 8:10 pm** **Return to Charlottetown by bus (1 hour)**

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7:00 - 8:00 pm

Souris Show Hall, Souris PEI

Dr. Daniel Pauly, University of British Columbia

Crisis and Opportunity: The History and Future of Global Fisheries

The period following the end of the Second World War saw massive catch increases, but crashes due to overfishing began to be reflected in global catch trends in the 1970s, and intensified in the 1980s and 1990s. In response, the industrialized countries moved their effort toward deeper waters, and toward the coasts of developing countries. This global expansion is complete and global catch, which peaked in the late 1980s, continues to decline. Several factors prevent the public in developed countries from realizing the depth of the crisis fisheries are in: over-reporting by China; strongly increasing aquaculture production; increased consumption of seafood from developing countries; and widespread denial by governments of the gravity of the global fisheries crisis. This crisis will be aggravated by global warming, whose likely effects on global fisheries will be presented. This talk will end with a discussion of some positive measures to address some of these issues, notably a refocusing on artisanal fisheries.

Daniel Pauly, a French citizen, became a Professor at the Fisheries Centre of the University of British Columbia in 1994. This followed two decades of fisheries and marine research in the tropics, and university studies in Germany. Dr. Pauly has authored over 500 scientific articles, book chapters, reports and shorter contributions, as well as numerous books. These documents, mainly dedicated to fisheries management, ecosystem modeling and increasingly, food security issues, have garnered numerous scientific awards.

Thursday June 17 / TODAY'S PROGRAM

Fields

- 8:45 am** Rapporteur / *Alan MacEachern*
- 9:00 - 10:00 am** “Bridging the Divides: Contexts of society and environmental change in Marshfield, Prince Edward Island” / *Matthew Hatvany, Laval University*
- 10:00 - 10:15 am** **Tea and coffee break**
- 10:15 - 11:45 am** “PEI as an international model for sustainability in the 1970s (and once again?)” / *Alan MacEachern, Ryan O’Connor, Kathleen Stuart, George McRobie*
- 11:45 am** **Pick up box lunch, load buses to Sweet Clover Farm**
- 12:30 pm** Farm walk and talk
- 1:30 - 3:00 pm** Agriculture in the environment / *Pamela Courtenay Hall, Gary Clauseheide*
- 3:00 - 3:10 pm** **Load buses to Orwell Corner Farm Museum**
- 3:20 - 3:45 pm** **Refreshments at Orwell Farm Museum Tea Room**
- 3:45 pm** **Group 1:** Bus to Macphail forestry project / *Gary Schneider*
Group 2: Farm museum and historic village
- 4:50 pm** **Group 2: Bus to Macphail Homestead**
- 5:00 - 6:00 pm** **Dinner at Sir Andrew Macphail Homestead**
- 6:10 pm** **Return to Charlottetown by bus (30 minutes)**
- 7:30 - 8:30 pm** Public keynote lecture / *Harriet Ritvo*



7:30 - 8:30 pm
McDougall Hall, UPEI

Dr. Harriet Ritvo, Massachusetts Institute of Technology

Silent Partners: Animals, Domestication, and Environment

The history of our species has unfolded in constant relation to that of other animals, even before we began to live with them. Domestication produced enormous changes in human economies and societies, as well as in environmental conditions, affecting land use, biodiversity, and susceptibility to disease, among other things. These impacts have continued to the present time, in forms that have shifted to reflect the various cultures in which humans and animals cohabit. Beginning in the early modern period, British livestock husbandry emphasized efficiency and profitability, concerns that also characterized British culture more generally. They resulted in the improvement or intensification of strategies of both breeding and animal management, and were transmitted, albeit with significant modifications, to the British colonies in eastern North America.

Harriet Ritvo is the Arthur J. Conner Professor of History at MIT, where she teaches British history, environmental history, and the history of natural history. She is the author of *The Dawn of Green: Manchester, Thirlmere, and Victorian Environmentalism*; *The Platypus and the Mermaid, and Other Figments of the Classifying Imagination*; *The Animal Estate: The English and Other Creatures in the Victorian Age*; and the forthcoming *Noble Cows and Hybrid Zebras: Essays on Animals and History*.

Policy & Practice

- 8:45 am** Rapporteur / *Alan MacEachern*
- 9:00 - 9:45 am** “Land use change and its impact on water, using GIS and scenario modeling” / *Hans Schreier, University of British Columbia*
- 9:45 - 10:00 am** **Tea and coffee break**
- 10:00 - 11:00 am** “Modeling conflicting values in the past, present, and future” / *Matthew Hatvany, Joshua MacFadyen, William Glen, Mathieu Landry*
- 11:00 - 12:30 pm** “Learning from environmental history” / policy panel: *Ed MacDonald, Jean Paul Arsenault, David Barrett, John MacQuarrie, George McRobie*
- 12:30 - 1:15 pm** **Lunch at UPEI**
- 1:15 pm** “The role of civil society (media, artists and community organizations) in environmental thought and practice”: Case study — Petitcodiac River, New Brunswick / *Susan Linkletter*
- 1:30 pm** Panel discussion / *Ian Petrie, Wayne Wright, Lorelei Hanson, Marcela Paz Ramos*
- 2:30 - 3:00 pm** **Refreshments**
- 3:00 - 4:00 pm** “The role of the Academy (arts and sciences) in environmental policy development” / *Bert Christie, Claire Campbell, William Parenteau*
- 4:00 - 5:00 pm** Evaluation and next steps / *Irené Novaczek, Alan MacEachern*
- 5:30 - 7:00 pm** **Buffet banquet at Wanda Wyatt Dining Hall, UPEI**
with Poetry Palate Cleansers
- 7:30 - 8:30 pm** Chief Justice Thane A. Campbell Lecture / *Toby Elaine Vigod LL.B*
- 8:30 - 11:00 pm** **Closing social with Teresa Doyle jazz trio (cash bar)**



7:30 - 8:30 pm

McDougall Hall, UPEI

Toby Elaine Vigod LL.B

Executive Vice-Chair, Environmental Review Tribunal,
Environment and Land Tribunals Ontario

Environmental Law: Are We Making Progress?

Environmental law regimes in Canada have been in place for 40 years. This presentation will reflect on the history and development of legal approaches to an increasingly complex set of environmental issues and threats, including climate change and the loss of biodiversity. The presentation will examine the role of environmental regulation and look at the Supreme Court of Canada's role in recognizing and endorsing key environmental values and principles. However, are we making progress in protecting the environment through the current approach, or are we falling behind? What has happened to sustainable development? Finally, the presentation will also briefly discuss the intersection of environmental and planning law and policy.

Toby Vigod is a lawyer with over 30 years experience in the field of environmental law and policy. She was Chair of the British Columbia Environmental Appeal Board and Forest Appeals Commission (1996-2000). Ms. Vigod is also a former Assistant Deputy Minister, British Columbia Ministry of Environment, Lands and Parks (1994-1996). From 2000-2004, she was on an Executive Interchange with the Climate Change Secretariat, Government of Canada. Ms. Vigod served as a Commissioner with the Commission on Planning and Development Reform in Ontario and is a former Counsel and Executive Director of the Canadian Environmental Law Association. She has taught environmental law at Queen's University, University of Toronto, and Osgoode Hall Law School. She holds a Bachelor of Arts degree from the University of Toronto and a Bachelor of Laws degree from Queen's University.

Abstracts for morning plenaries, Tuesday workshop

Elder Albert Marshall / “Two Eyed Seeing”

Elder Albert Marshall of the Mi’kmaq Nation says that the Mi’kmaq language teaches us that everything is both physical and spiritual. Elders are not sure that the message is getting out there of how to go forward in this world. “Two-Eyed Seeing” is necessary, wherein we learn to see from one eye with Aboriginal ways of knowing, and from the other eye with the best in the Western (or mainstream) ways of knowing. We need to learn to use both these eyes together, for the benefit of all.

Douglas Sobey / “The Forests of Prince Edward Island: an Historical Study”

Dr. Sobey will present an ecological classification of present-day forests of PEI. Based on an extensive analysis of historical documents he will consider the tree composition of the pre-settlement forest, the processes that led to its alteration and destruction, and the attitudes of the Island’s residents to the forest, including attitudes to usage and ownership of the forest, to its destruction and conservation, and to the role of the forest in the landscape.

Deirdre Kessler / “Writing the Landscape”

Kessler is a poet and author who teaches creative writing, children’s literature, and a course on L.M. Montgomery at UPEI. In timed writing exercises, we will experiment with making the shift from representing to responding to the natural world, from external to internal, from surface to essence. How much can we abstract or distill or simplify what we see and still evoke both the place and our response to it?

Ed MacDonald, Boyde Beck / “Go Fish: The Historical Fisheries of Prince Edward Island”

The fisheries of Prince Edward Island have historically matched available resources with available technologies and changing markets. Some fisheries have proven remarkably durable over time, but others have faced challenges of sustainability ranging from extinction to species endangerment. The presentation will trace the fisheries on PEI over time with particular reference to key species: cod, walrus, mackerel, lobster, oysters, and mussels.

Matthew Hatvany / “Bridging the Divides: Contexts of Society and Environmental Change in Marshfield, Prince Edward Island”

Privatization of natural resources, intensive agriculture, demographic pressures and urbanization are at the root of environmental problems such as the loss of biological diversity, pollution of waterways, soil erosion and exhaustion, and related concerns. Governments have become concerned with reversing such trends and achieving “sustainable development.” Historical geographers and environmental historians suggest that for society to move forward, it must first look backward.

Hans Schreier / “Land use change and its impact on water, using GIS and scenario modeling”

Historic land use changes can easily be linked to changes in hydrology and water quality but each type of activity has unique impacts. Cumulative impacts have not been well documented. Analysis of historical land use based on GIS techniques and combined with scenario modeling reveal alternative options for the future. Examples from the Himalayas and British Columbia will be shown.

GOTJINAIG OTAOTIOAGL

THE PATH OF OUR FOREFATHERS SENTIER DE NOS ANCÊTRES





*Nowhere that plowcut worms
heal themselves in red loam;
spruces squat, skirts in sand
or the stones of a river rattle its dark
tunnel under the elms,
is there a spot not measured by hands.*

- **The Island**, by Milton Acorn

for post-conference information and podcasts

<http://niche-canada.org/pei2010>

Time and a Place is hosted by the Institute of Island Studies at the University of Prince Edward Island. This conference is made possible through the support of:



Social Sciences and Humanities
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Conseil de recherches en
sciences humaines du Canada

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