



Westin Nova Scotian
Halifax, Nova Scotia
March 10 & 11, 2009



Adapting Infrastructure to our Changing Climate

Tuesday, March 10

8:00 - 8:30 **REGISTRATION**
Networking Opportunity

8:30 - 8:40 **Welcome and Introductions**
ESANS President

8:40 - 9:00 **Managing Infrastructure in a
Climate of Change**
Cameron Ells
Cameron Consulting Inc.

9:00 - 9:20 **Regulating NS Greenhouse Gas
Emissions - Discussion Paper**
Tim Wood
Nova Scotia Environment

9:20 - 9:40 **Data Requirements for
Adaptation to Sea Level Rise,
Storm Surges, and Erosion**
Mike Pearson
Geonet Tech. Inc., PEI

9:40 - 10:00 **For Planners - Engaging Municipalities
in Climate Change Adaptation**
Kyle McKenzie
Planadapt

10:00 - 10:20 **MORNING BREAK**
Networking Opportunity

10:20 - 11:10 **Data Resources from Environment
Canada: What We Know Now About
Climate Change in Atlantic Canada**
Gary Lines
Environment Canada

11:10 - 11:30 **For Planners - Climate Change
Decision-Making Tools**
Norval Collins
CEF Consultants

11:30 - 11:55 **For Engineers - Example Climate Change
Decision-Making Tool: Public
Infrastructure Engineering
Vulnerability Committee (PIEVC)**
David Lapp
Engineers Canada, PIEVC

12:00 - 1:00 **LUNCH BREAK**
Networking Opportunity

1:00 - 3:20 **Potential Project Information: Natural,
Social, and Economic Resources**
Jamie Simpson, Forestry
Ecology Action Centre
Jen Graham, Healthy Beaches
Ecology Action Centre
Garth Demot, Geological Information
NS Department of Natural Resources
Philip Finck, Coastal Hazard Assessment
NS Department of Natural Resources
David Burton, Agriculture
Nova Scotia Agricultural College
Zoe Caron, Smaller Carbon Footprints
Author, *Global Warming for Dummies*
Mary Kilfoil, Socio-Economic
Gartner Pinfold

3:20 - 3:40 **AFTERNOON BREAK**
Networking Opportunity

3:40 - 4:25 **Opportunities Associated with
Provincial Policy - Panel
Discussion**
Moderator: Cameron Ells
Cameron Consulting Inc.

Panelists:
George Foote
NS Environment
Scott McCoombs
NS Energy
Allan Crandlemire
Conserve NS

4:25 - 4:30 **Closing Comments**
ESANS President

Recent Findings:

Climate change is making Canadian roads, water supplies, sewer systems and government buildings more vulnerable to multibillion-dollar failures that place human health and safety at risk.

Adapting to Climate Change: Canada's first national engineering vulnerability assessment of public infrastructure.

Canadian Council of Professional Engineers.
April 2008





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8:30 – 8:50 **Municipalities & Climate Change:
Laying the Foundation for more
Sustainable Infrastructure**
Debbie Nielsen
Union of Nova Scotia Municipalities

8:50 - 10:15 **Atlantic Municipal Roundtable:
Road to Sustainability through
Climate Change Action**

Municipalities, agencies, businesses and others, large and small across Atlantic Canada are laying out their roadmaps to healthy, vibrant, sustainable communities. Several are well on the way to putting in place their own Integrated Community Sustainability Plans (ICSP) and related initiatives.

All of the disciplines involved with climate change mitigation and adaptation will be required to make these plans realities. A skilled green collar workforce to on the ground sustainable infrastructure, to all of the planning and engineering in between will be engaged. All hands will be needed on deck.

Panelists from example proactive communities and agencies in Atlantic Canada will share their experiences and provide insight on some of the challenges, issues, and needs to operationalize these plans.

Roundtable Moderator:

Stephen King
King's Gardens and Environmental Services

Panelists:

Kate Greene
Land Use Planner
Jacques Whitford Stantec Ltd.

Peter Lund
Councillor for District 23
Halifax Regional Municipality

Doug Deacon
Sustainable Economic Development
Coordinator
Town of Stratford, PEI

Chrystal Fuller
Manager of Planning
Municipality of the County of Kings, NS

10:15- 10:30 **MORNING BREAK**
Networking Opportunity

10:30 - 10:50 **Planning, Emergency Response, and
Climate Change**
Chrystal Fuller
Municipality of the County of Kings, NS

10:50 – 11:10 **Opportunities for Natural Gas Storage**
Jan Van Egteren
Landis Energy

11:10 – 11:30 **Opportunities for Carbon Capture
and Storage**
Robert Niven
Carbon Sense Solutions

11:30 – 11:50 **Carbon Credits**
Gay Harley
Scotian WindFields

11:50 – 12:00 **Closing Remarks**
Cameron Ells
ESANS President

Workshop

**Incorporating Climate Change Adaptation
into Infrastructure Design, Development,
and Management Decision Making**

Workshop will take place from 1:15 - 4:15

Host:

Cameron Ells
Cameron Consulting Inc.

Description:

Based in part on the influential Practitioner's Guide of the same name. For infrastructure owners, operators, managers, and evaluation team members. This is a step by step "How to" workshop, with examples, discussions, limitations, and pre-printed notes.

