

Ontario Urban Forest Council

2007 Seminar and Annual Meeting

Climate Change and the Future of Ontario's Forests: Can we help our urban and rural forests adapt?

Thursday, October 18th, 2007

Black Creek Pioneer Village, Toronto

1000 Murray Ross Parkway - southeast of Steeles Avenue and Jane Street

The rate of climate change is predicted to accelerate throughout the first century, fuelled by greenhouse gasses emitted into the atmosphere by human activity. As trees can take over 100 years to mature, those we plant today will reach maturity in a climate that likely will be quite different from the one in which they are planted today.

In southern Ontario and the Greater Toronto Region, there will be an increased risk of winter and summer storm events, as well as hotter and drier summers, milder winters with unpredictable cold spells, and an increase of the annual soil moisture deficit.

Climate change is predicted to strongly impact plant distributions of over 125 North American species. In this seminar, forest scientists will examine climate impact on trees and urban forests and specifically what is in store for trees now, and 10, 50 and 100 years from now.

Our keynote speaker will be Dr Dan McKenney, a senior scientist and Team Leader of the Landscape Analysis and Applications Group with the Canadian Forest Service in Sault Ste Marie, whose research interests include the development and application of spatial data of the physical environment (such as climate), bioeconomic models of trade-offs in forest management and policy and research priority assessments. The "Group's" spatial climate models are widely used now in Canada and the US, in applications like the Plant Hardiness project, the "Seedwhere" program and bioeconomic studies of forest carbon, to help provide insights on the impacts and possible adaptation strategies to climate change.

The dilemma of planting trees and urban forests suitable for the next 100 years of changing environment is upon us now. This *Climate Change and the Future of Ontario's Forests* seminar will provide an opportunity to learn from forest professionals about adapting to climate change.

To register, please mail a cheque payable to "Ontario Urban Forest Council"
OUFC members \$100.00 Non-members \$120.00 Students,/Seniors/Fixed income \$50.00 includes lunch and refreshments

Send to: Ontario Urban Forest Council

C/o Jack Radecki

1523 Warden Avenue Units 23/25

Toronto, Ontario M1R 4Z8 For further information please go to www.oufc.org

CLIMATE CHANGE AND THE FUTURE OF ONTARIO'S FORESTS

Can We Help Our Urban And Rural Forests Adapt?

Thursday October 18th at the Black Creek Pioneer Village, Toronto

Schedule – seminar followed by Annual General Meeting.

8:00 - 9:00 Registration & Networking Opportunity

9:00- 9:05 Conference Opening Remarks

Dr. Guy Brassard – retired. Previously Science Advisor at Canadian Forest Service, and Professor of Biology and Associate Dean of Science at Memorial University.

9:05- 10:15 Climate Change and Urban Forest Management, Drought, heat, changes in length of growing season, serious invasive species, insect, plants? Major extreme/freak events (ice storms; floods; heavy snowfalls) effects on existing municipal urban forests.

Dr Bob Stewart retired. Climate Change Advisor, Canadian Forest Service

10:15-10:45 Health Break & Networking Opportunity

10:45 – 12:00 Keynote Speaker: What's in Store for Trees in 10, 50 and 100 years? Climate change is predicted to strongly impact plant distributions of over 125 North American species.

Dr Dan McKenney, Senior Scientist, Spatial Analysis, Canadian Forest Service

12:00 - 1:00 Lunch & Networking Opportunity

1:00 – 2:10 Practical Steps to Adapt to Climate Change

- Climate Change Laboratory - Let's Plant, Measure and Mulch Program
 - *Alice Casselman M.Ed., President Assoc. for Cdn. Educational Resources*
- Need For Green Oases In Asphalt-Dominated Schoolyards
 - *Adrina Bardekjian Ambrosii, MFC, Urban Forestry Consultant with Heidi Campbell, MLA, School Ground Design Consultant.*
- Tree Canada and Urban Forests – the Carbon Offset Connection
 - *Michael Rosen RPF, President of Trees Canada*

The three presentations will be followed by a moderated panel discussion and Q & A.

Both panels will be moderated by Toni Ellis, successful community activist, NeighbourWoods Coordinator

2:10-2:35 Health Break & Networking Opportunity

2:35-3:45 Tree Plantings for the Changing Environment, from 2007 to 2107

- How is climate change affecting the seed zone approach now and in the future? *Barb Boysen MNR Forest Genetics Specialist.*
- Should we introduce appropriate southern seed zone species for our grandchildren's urban forest? *Bill Morsink, Retired urban forester*
- Developing a Local Tree Seed Conservation Program. *Candace Karandiuk, Supervisor of Forest Health, Oakville.*

The three presentations will be followed by a moderated panel discussion and Q & A.

3:45- 4:00 Conference Wrap-up: Dr Guy Brassard

4:00-4:30 OUFC Annual General Meeting

Introducing the 2007/2008 Board

Light refreshments reception. All are invited.