



# **Fires, Storms and Pests —** *Crises in Our Urban Forests*

6<sup>th</sup> Canadian Urban Forest Conference  
Kelowna, B.C. October 19-23, 2004



**MAIN CONFERENCE**

**OCTOBER 20-21, 2004**

**GRAND OKANAGAN RESORT AND  
CONFERENCE CENTRE**

**KELOWNA, BRITISH COLUMBIA**



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Tree Canada Foundation  
Fondation canadienne de l'arbre  
[www.tcf-fca.ca](http://www.tcf-fca.ca)

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**Photo by Ev Fredericks - August 22, 2003**

## **Welcome to CUFC6**

**Your attendance marks an important milestone on the road to developing a vision for our urban forests. From the first conference in Winnipeg in 1993, each successive conference has provided information to help shape our vision. Along the way, Tree Canada Foundation has continued to provide leadership in helping move the urban forest agenda forward. With the help of sponsors like the Canadian Forest Service of Natural Resources Canada, the City of Calgary and the ISA Pacific N.W., we hope to make this Sixth Urban Forest Conference the most memorable yet for securing greater support for the urban forest agenda.**

**My optimism is buoyed by the inclusion of urban forests in the National Forest Strategy 2003-2008 by the greater interest of municipalities and their organizations in urban forests and how people are stepping forward to support the cause.**

**I challenge you to make CUFC6 your contribution to ensuring the future health of our communities.**

**Yours truly,**

**Jeff Monty, R.P.F.  
Conference Chair, CUFC6**

## **Welcome to Kelowna**

**Prior to 2003, Kelowna was known for its physical beauty, the warmth of its people, its diverse and vibrant economy and as a great place to live. The forests in and surrounding Kelowna were part of its reputation, adding greatly to the quality of life here. The fires of 2003 changed all that. Suddenly our community was the feature story worldwide of how wildfire can even in an urban scenario, threaten the livelihood and indeed lives of people.**

**If nothing else, those events have allowed our citizens, our elected officials and those of us who work at managing the forests within our community to look at these forests in a new light. As urban forestry in Canada continues to receive greater attention, I urge you to maximize the opportunities created by those who have come here today. Together we can further the urban forest agenda, learn more about techniques to establish and maintain trees in our cities and enjoy this marvelous community as it rebuilds from the ravages of Mother Nature.**

**Enjoy yourself in Kelowna.**

**Ian Wilson  
Program Chair, CUFC6**

# **ORGANIZING COMMITTEE**

**Jeff Monty, Tree Canada Foundation – Conference Chair**

**Ian Wilson, City of Kelowna – Program Chair**

**Michael Rosen, Tree Canada Foundation**

**Doug Ellis, Malaspina University College**

**Andrew Kenney, University of Toronto**

**Christian Walli, Brinkman & Associates**

**Diane Brunet, Tree Canada Foundation**



**Photo by Wenda Pickles August 16, 2003**

# PROGRAM

## Pre-Conference: Tuesday Oct. 19, 2004

09:00 – 16:00	<b>Erk Brudi, Germany</b> , “Engineering Based Hazard Tree Assessment” (Separate Registration)
14:00 – 17:00	<b>Ian Wilson</b> , City of Kelowna –GPS Field Demonstration <span style="float: right;"><b>(Grand Foyer)</b></span>
16:00 – 19:00	Registration- Grand Foyer, Grand Okanagan Resort and Conference Centre Pick up your registration kit and sample the local hospitality at the CUFC6 pre-registration at the Tree Brewing facility, 1083 Richter Street – a 10 minute walk from from the Grand

## Day 1: Wednesday October 20, 2004

07:00 – 08:30	Registration –Grand Okanagan Resort and Conference Centre <span style="float: right;"><b>(Grand Foyer)</b></span>
08:30 – 08:50	Welcome: <b>Mayor Walter Gray</b> , City of Kelowna <span style="float: right;"><b>(Okanagan)</b></span> Opening Remarks: <b>Senator Ross Fitzpatrick</b>
08:50 – 09:10	Welcome from the Tree Canada Foundation – <b>Mike Apsey, Chair</b>
09:10 – 10:00	<b>Kathy Wolf</b> , University of Washington: “What Could We Lose? Economic Value of Urban Forest, Intangible and Tangible Benefits”
10:00 – 10:30	Coffee Break
10:30 – 11:15	Keynote Speaker: <b>Gerry Zimmerman</b> , Fire Chief, City of Kelowna – “Firestorm 2003- Lessons Learned from the Kelowna Fires” <span style="float: right;"><b>(Okanagan)</b></span>
11:15 – 12:00	Thematic Speaker: <b>Dean Monterrey, City of Nanaimo</b> , “Burn to Learn -Emergency Preparedness and the Urban Forest” <span style="float: right;"><b>(Okanagan)</b></span>
12:00 – 13:30	Buffet Lunch <span style="float: right;"><b>(Grand Foyer)</b></span>
13:30 – 17:00	Concurrent Sessions (Coffee Break at 15:00 – 16:00)

Session #1: Responding to Fires and Storms  
Moderator: **Michael Rosen, Tree Canada Foundation** **(Okanagan)**

- **Mark Johnson, Saskatchewan Research Council**: “Impacts and Adaptation for Climate Change for Urban Forests”
- **David Bloniarz, U.S. Forest Service, University of Massachusetts** – Assessing Storm Damage to Urban Trees: Establishing a Standardized Protocol
- **Jim McCready, Eastern Ontario Model Forest**: “Ice Storm ’98 – Lessons Learned”
- **Brian Fisher, BC Hydro**: “Utilities and Storm Response”
- **Julian Dunster, Dunster & Assoc.**: “Risk Management and Duty of Care in the Urban Forest”



## PROGRAM (Con't)

Session #2: Innovations in Plant Health Care / IPM

Moderator: **Andy Kenney, University of Toronto**

**(Chilcotin)**

- **Dr. Lee Humble, Canadian Forest Service:** “Alien Invaders: Non-Indigenous Species in Urban Forests”
- **Chris Saunders, City of Edmonton:** “Bugs Coming Out of the Woodwork: Drought and Stress Problems in Edmonton’s Forest”
- **Darrell Bley, Niagara Parks Commission:** “Urban Tree Health Care from Roots to Shoot”
- **Mario Lanthier, Crop Health Advising:** “Mycorrhizal fungi – Improving urban tree tolerance to water stress”

Session #3: Managing Urban Fiscal Emergencies

Moderator: **Ian Wilson, City of Kelowna**

**(Vaseaux –Kootenay)**

- **Scott Maco, CUFR California:** “Stemming the Fiscal Crisis: Tools for Valuing and Marketing the Urban Forest”
- **Ed Marler, City of Fort Saskatchewan, AB:** “From Desert to Oasis “
- **Russell Friesen, City of Calgary:** “No Buck Rogers... No Bucks!”
- **Stew Walkinshaw, Alberta Sustainable Resource Development:** Fuel Modification Is Great But Show Me the Money!

18:00 – 22:00

Conference Banquet and Presentations

**(Okanagan)**

- 1) Tree Canada Awards
  - (i) Eterne Award – Telus
  - (ii) B.C. Fire ReLeaf – City of Kelowna
  - (iii) Tree Utility Canada Award and Tree Community Canada Awards
  - (iv) CUFC7 – Host City Announcement in 2006
- 2) Dinner Presentation
 

Taped Presentation from Laurie Graham, World Cup Alpine Skier

## PROGRAM (Con't)

**Day 2: Thursday, Oct. 21, 2004**

07:00 – 08:30	Continental Breakfast	<b>(Grand Foyer)</b>
08:30 – 08:40	<b>Welcome / Introduction</b> <b>Ian Wilson, Forester, City of Kelowna: Program Chair</b>	<b>(Okanagan)</b>
08:40 – 10:00	<b>Plenary Sessions:</b> National Attention for Canada's Urban Forests <b>Jean Cinq-Mars, NFSC:</b> Urban Forestry and the National Forest Strategy <b>Andy Kenney, U of T/TCF:</b> Canada's National Urban Forest Strategy: Accomplishments since the 5 <sup>th</sup> Canadian Urban Forest Conference	
10:00 – 10:30	Coffee	
10:30 – 12:30	Breakout Session #1: A Canadian Urban Forest Strategy: A Call to Action	<b>(Vaseaux-Kootenay)</b>
	<p>Various Speakers and Facilitators</p> <ul style="list-style-type: none"> <li>• Dr. Andy Kenney: Workshop Leaders</li> <li>• Tree Canada Community Advisors</li> <li>• Workshop Participants</li> </ul>	
10:30 – 12:30	Breakout Session #2: Tools to Avert Urban Forest Disasters	<b>(Okanagan)</b>
	<ul style="list-style-type: none"> <li>• <b>Ian Wilson, City of Kelowna:</b> "GPS / GIS Tools and Tree Inventory"</li> <li>• <b>Dwayne Neustaeter, ArborMaster:</b> "Fail to Prepare .....Prepare to Fail"</li> <li>• <b>Jim Mottishaw, B.C. Ministry of Forests:</b> "Fire Smart Landscaping"</li> <li>• <b>Doug Ellis, Malaspina University College:</b> Post-Disaster Tree Hazard Assessment</li> <li>• <b>Philip van Wassenauer, Urban Forest Innovations Inc.:</b> Strategic Urban Forest Management Planning – Preparing for the Future</li> </ul>	
12:30 – 13:30	Buffet Lunch	<b>(Grand Foyer)</b>
13:30 – 13:45	CUFC 6 Wrap-Up <b>Jeff Monty, Tree Canada Foundation</b>	<b>(Okanagan)</b>
13:45 – 14:15	<b>Judi Beck, B.C. Ministry of Forests; Jim Mottishaw, B.C. Ministry of Forests; Ian Wilson, City of Kelowna:</b> "Background to the Okanagan Mountain Park Fire, 2003"	

## PROGRAM (Con't)

14:30 – 18:00

**Afternoon Tour**

**(Grand Foyer)**

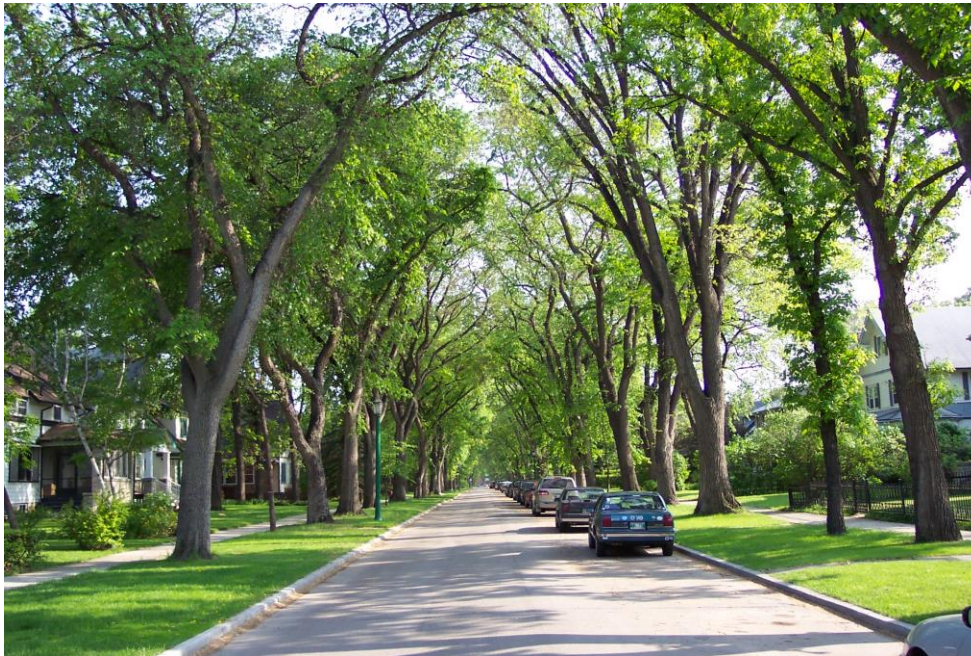
“Fire and Wine” tour – of the burned areas and vineyards in the area

- Fuel modification treatments (in progress)
- Wetland restoration project
- Fire – burned areas
- Wine stops

### Post Conference

Oct. 22, 2004.

The Science of Mulching and Tree Health – Dr. Harry Hoitink  
(Separate registration)

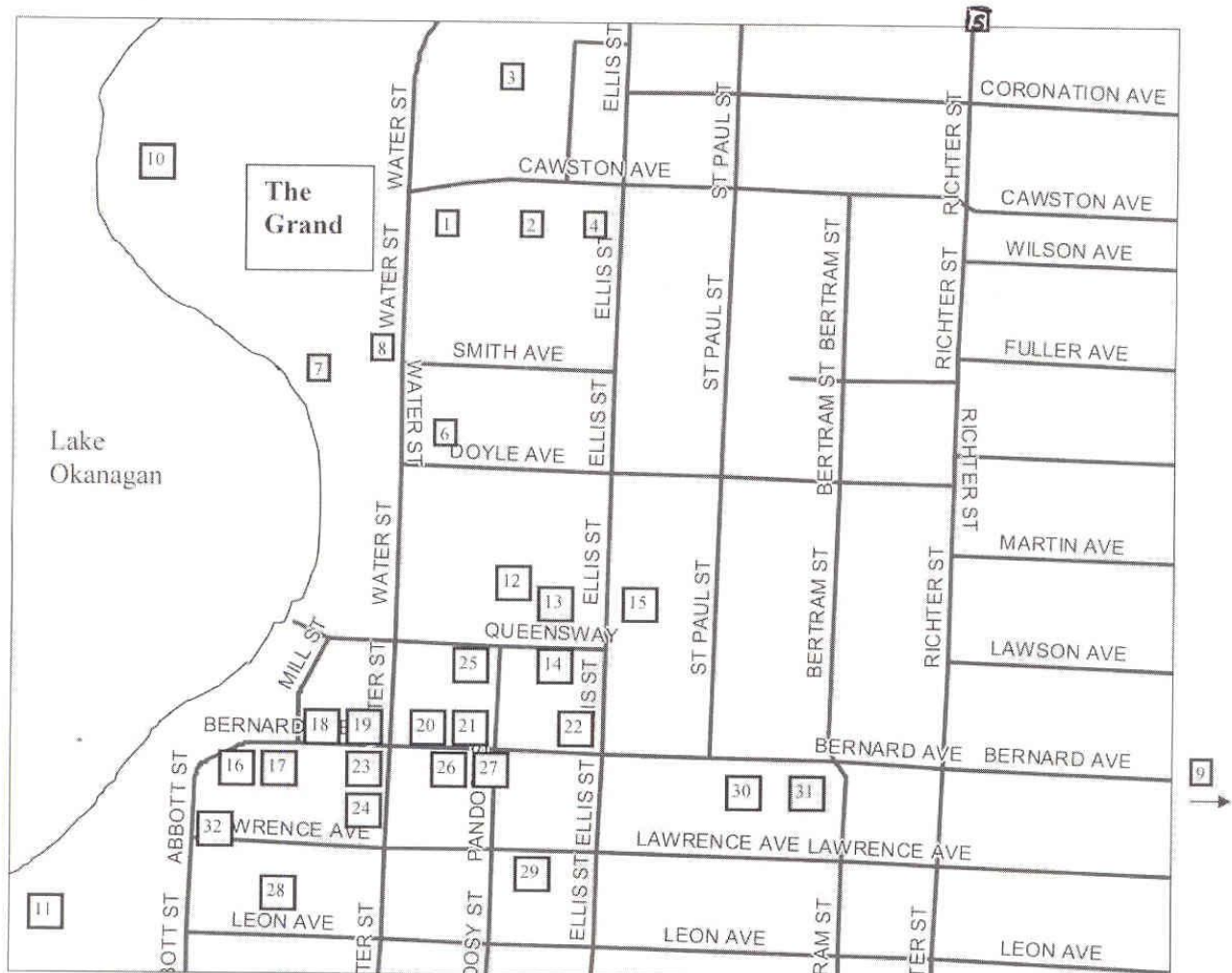


Visit [www.growcleanair.ca](http://www.growcleanair.ca)  
A Tree Canada Foundation Program





# Map of Kelowna



## Food and Drink

- 3 – Manhattan Point (Skyreach)
- 7 – Coyote Grill / pub
- 8 – Mexican
- 9 – Mediterranean Market (Italian deli),  
1570 Gordon
- 15 – Dawett Indian Restaurant
- 16 – Earl's
- 18 – Kelly O'Brien's
- 21 – Nishi Japanese (272 Bernard)
- 21 – Saigon Vietnamese (270 Bernard)
- 23 – Mon Thong – Thai
- 24 – Fresco (fine dining)
- 24 – The Keg
- 25 – Perks Coffee
- 26 – Doc Willoughby's Pub
- 27 – Starbuck's
- 28 – La Bussola Ristorante Italian
- 29 – Blue Gator Restaurant

## Sightseeing / Theatre / Other

- 1 – Art Gallery
- 2 – Rotary Centre for the Arts
- 3 – Skyreach Place
- 4 – Orchard Industry Museum
- 5 – Tree Brewery / Calona Wines (1083 Richter)
- 6 – Community Theatre
- 10 – Waterfront Park / Rotary Marsh
- 11 – City Park
- 12 – Kasugai Japanese Garden (next to City Hall)
- 13 – Kelowna Museum
- 14 – Queensway Transit station
- 17 – Paramount Theatre

## Banking / ATM

- 19 – Bank of Montreal
- 20 – CIBC

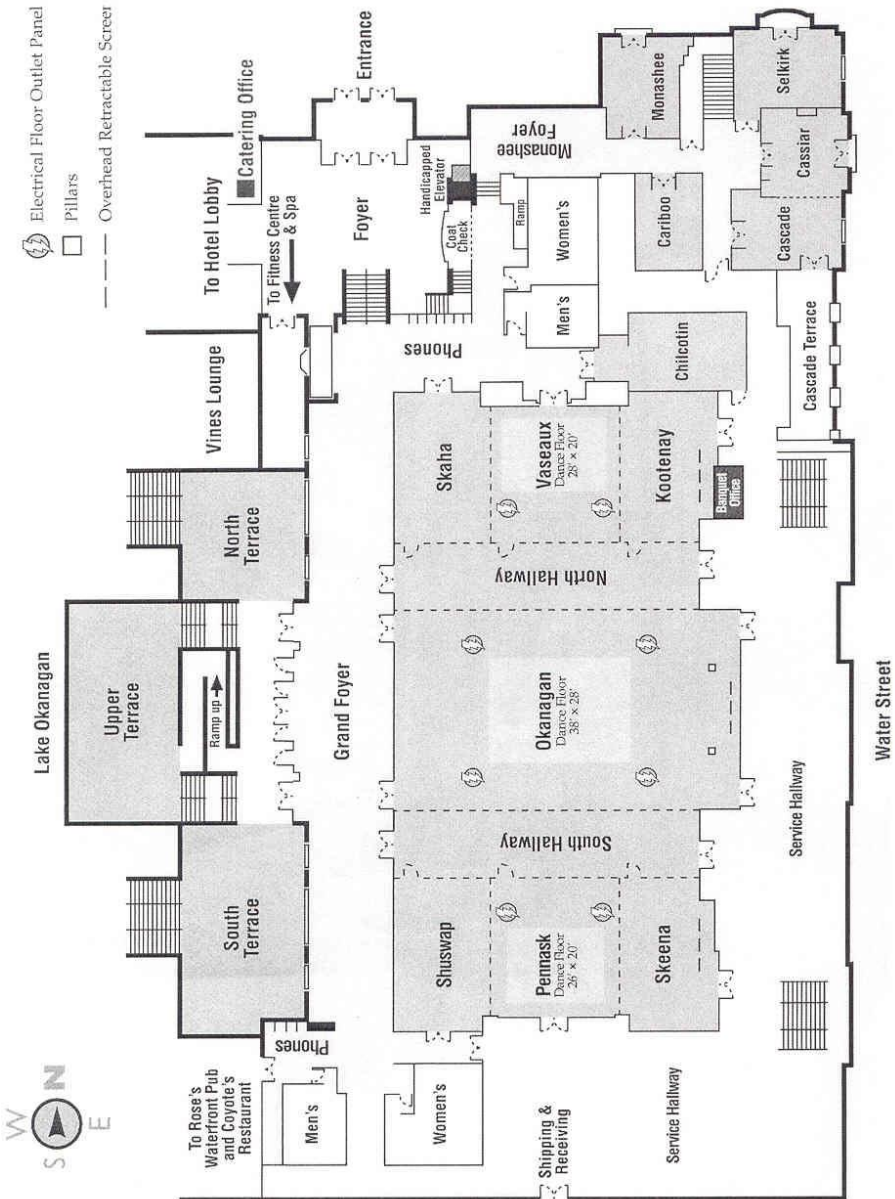
## Shopping

- 30 – Town Centre Mall
- 31 – Safeway

Orchard Park Mall is also located on Highway 97, east of downtown

# FLOOR PLAN

## GRAND OKANAGAN RESORT & CONFERENCE CENTRE



# THANK YOU TO OUR GENEROUS SPONSORS!

## Platinum Level



Natural Resources  
Canada

Ressources naturelles  
Canada



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## Gold Level

## Silver Level



## Bronze Level



# KOALA TREE SERVICE



## **List of Exhibitors**

**Canadian Forestry Service-  
Natural Resources Canada**

**Tree Canada Foundation**



**Mike Apsey, C.M., R.P.F.  
Chair - Tree Canada Foundation**

### **BIOGRAPHY**

Mike Apsey has extensive experience in government, industry, consulting and in industrial associations in Canada and abroad and is Chair of the Tree Canada Foundation. From 1978-1984 he served as Deputy Minister of Forests for British Columbia and from 1984-1998 he was President and CEO of the Council of Forest Industries. He is Past-Chair of the National Forest Strategy Coalition.

Mike has written and spoken extensively on all aspects of the forest sector and has participated in a number of initiatives, studies, committees, task forces, reviews, and conferences. He holds directorships on numerous national and international organizations. He has received: the prestigious Rielle Thomson Award from the Canadian Pulp and Paper Association, Chevalier de l'Ordre du Merite Agricole from the Government of France and the International Achievement Award by the Canadian Institute of Forestry. In 2002, Mike was named to the Order of Canada.





**David V. Bloniarz, Ph.D, USDA Forest Service**

### **BIOGRAPHY**

Dr. David Bloniarz is an Urban Forester with an extensive background in urban forest management and landscape design. David holds a Masters Degree in Landscape Architecture and a Doctorate in Urban Forestry from the University of Massachusetts/Amherst. Presently Dr. Bloniarz is Project Director of the USDA Forest Service' Northeast Center for Urban and Community Forestry at the University of Massachusetts/Amherst. His work focuses on the development of innovative urban forest initiatives in the six New England states plus New York, and the transfer of information, technology, and research on urban forest issues to the region. Dr. Bloniarz is a Massachusetts Certified Arborist, an International Society of Arboriculture Certified Arborist and a member of the American Society of Landscape Architects.

### **ABSTRACT**

## **ASSESSING STORM DAMAGE TO URBAN TREES: ESTABLISHING A STANARDIZED PROTOCOL**

Large-scale storm events that cause excessive tree damage can rapidly compromise public safety. Communities manage such catastrophes with varying degrees of efficiency and often rely on aid from state and federal government agencies to fund hazard reduction and debris removal. That aid depends significantly on the ability to estimate storm damage accurately and quickly. To date, however, there is no standard procedure for assessing the amount of damage that severe storms cause to trees on a community or regional basis. This presentation introduces a newly developed standardized method to assess widespread storm damage in a simple, credible, and efficient manner immediately after a severe storm. This assessment method is adaptable to various community types and sizes, and it provides information on the time and funds needed to mitigate storm damage.



**Judi Beck, BC Ministry of Forests**

### **BIOGRAPHY**

Judi graduated with a B.Sc. in Forestry from the University of New Brunswick in 1985. As an undergraduate she worked as a field technician in New Brunswick, Quebec, Nova Scotia, PEI, Manitoba, NWT, and Alberta doing inventory and mensuration work, which focused on fire ecology, prescribed fire, silviculture and post-fire stand dynamics. From 1986 to 1993 she studied and worked as a consultant in Australia. She obtained an M.Sc. in Forestry from the Australian National University in Canberra in 1987 and her Ph.D. from Curtin University of Technology in Perth, Western Australia in 2000. Her thesis research focused on weather, fuel moisture and fire growth modeling.

While in Australia Judi worked with a number of fire management agencies including the Forestry Commission of Tasmania, the WA Department of Conservation & Land Management and the NSW National Parks and Wildlife Service. She has been involved with the development of guidelines for safe and effective fuel reduction burning in eucalypt forest types, was responsible for the development and delivery of fire management courses, provided planning and intelligence support during wildfire events, prepared fire management plans and implemented prescriptions for fuel reduction burns.

Judi has lead the fire science team for British Columbia's Protection Program from 1993 through to the present. During this time Judi served as the Provincial Fire Behaviour Specialist and has served British Columbia, Alaska, Canada and Australia in this capacity. She has also been involved with international development projects in Malaysia and Argentina. Judi is a member of the Institute of Foresters of Australia, and has been an RPF(BC) since 1996.

### **ABSTRACT**

## **Background to the Okanagan Mountain. Park Fire, 2003 (Shared Presentation with Jim Motishaw & Ian Wilson)**

## **Darrell Bley, Niagara Parks Commission**

### **BIOGRAPHY**

Darrell Bley is the Instructor and Curator of the woody plant collections at the Niagara Parks Botanical Gardens and School of Horticulture;

Darrell has been teaching horticulture since 1990. Presently he is responsible for teaching many Plant Identification courses for deciduous and coniferous trees, Soils Science, Arboriculture and Plant Health Care.

Darrell is the Curator of the woody plants throughout the Niagara Parks Botanical gardens. He oversees the activities for all propagation, nursery production, seed exchange program, and herbarium collections. He is an advisor for the Integrated pest Management program within the parks and is involved in numerous projects that pertain directly to the health of Urban trees and forest.

### **ABSTRACT**

## **Urban Tree Health Care from Roots to Shoot**

This presentation will take you beyond the traditional canopy of plant health care for urban trees. Thinking "outside the box" in the arena of non-pesticide, is going to be the recipe required to allow our urban forests to prosper in the future. The focus will be on the importance of site analysis, planning for species integration, careful development of planting methodologies and "long term" plant health care strategies for the future.



**Hurricane Juan, Halifax 2003**

## **Jean Cinq-Mars, NFSC**

### **BIOGRAPHY**

Mr. Cinq-Mars is the President of Wildlife Habitat Canada (WHC), a national foundation involved in the conservation of habitats and biodiversity. WHC created in 1984, has been instrumental in the development of innovative conservation approaches such as stewardship and forestry and agricultural stewardship recognition award programs. WHC recently published the first Habitat Status Report for Canada and a Status of Wetlands Report for Canada.

Mr. Cinq-Mars comes to the WHC from the OECD where he was director of the Pollution Prevention and Control Division. This position carried responsibilities for sustainable transport, sustainable building, climate change, eco-efficiency, waste management and minimization, environmental management, greening of government and issues related to eco-labeling. Before joining the OECD, he successively held various positions in Environment Canada as director of Environmental Pollution and director of the Canadian Wildlife Service in the Quebec Region and senior advisor to the director general of the Canadian Wildlife Service. Prior to joining the federal government, he has worked in the private sector as a consultant and for the Biological Research Directorate of the Quebec government. Mr. Cinq-Mars hold degrees in biology and Public Administration.

### **ABSTRACT**

## **Urban Forestry and the National Forest Strategy**

One of eight strategic themes of the National Forest Strategy (NFS) concerns the urban forest and public engagement in sustainability. Although limited in size, urban forests are extremely important for Canadians not only for their contribution to the quality of life in our cities and towns but because they are often the first contact with forest and wildlife for many of our citizens. Moreover urban forests offer a unique opportunity to sensitize Canadians to the various challenges faced by our vast forested landscapes. It is especially opportune to use urban forest as a means to communicate stewardship values to people that rarely frequent the wild forests of Canada and to the new Canadians who come from countries where the forest landscapes are so different from Canada's. The National Forest Strategy is an ambitious undertaking that includes several action items to foster the sustainable management of urban forests and to communicate the multiple values of Canada's forests.



## **Julian Dunster, Dunster & Associates**

### **BIOGRAPHY**

Julian Dunster is a registered professional forester, planner, and certified arborist. He is an environmental consultant for many government agencies and private companies in B.C. and elsewhere. He has a Ph.D. in regional planning and resource management.

DUNSTER & ASSOCIATES  
Environmental Consultants Ltd.

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P.O. Box 109, Bowen Island, B.C. Canada. VON 1G0 Tel: (604) 947 - 0016 Fax: (604) 947 - 0945  
Dr. Julian A. Dunster, R.P. Bio., R.P.F., M.C.I.P., ISA Certified Arborist  
ASCA Registered Consulting Arborist # 378

#### **Professional Qualifications:**

- ” Registered Professional Biologist, Association of Professional Biologists of British Columbia
- ” Registered Professional Forester in British Columbia
- ” Professional Planner, with membership in the Canadian Institute of Planners and the Planning Institute of British Columbia
- ” Certified Arborist with the International Society of Arboriculture
- ” Registered Consulting Arborist in the American Society of Consulting Arborists (The only arborist in BC with this qualification)
- ” Qualified GPS Data Processor and Project Manager, BC Resource Inventory Committee

#### **Academic Qualifications**

- ” Doctorate in Regional Planning and Resource Development from the University of Waterloo
- ” Masters degree in forestry from the University of British Columbia
- ” Bachelors degree in forestry from Bangor University in North Wales, Great Britain.

### **ABSTRACT**

## **Risk Management and Duty of Care in the Urban Forest**

All trees fail at some point. Trees in the urban forest provide many benefits, yet public and political imperatives demand ever-increasing attention to issues of safety. Risk management is intended to minimise damage arising from identified risks. As our knowledge of tree biology and mechanics expands, there is an increased expectation that we can accurately predict tree safety.

The lecture will examine issues of risk, how we identify it, how we manage it, and how our Duty of Care is changing in light of new knowledge.





**Doug Ellis, Malaspina University College**

### **BIOGRAPHY**

Doug Ellis is the Director/Instructor of the Forestry Extension Program at Malaspina University-College in Nanaimo British Columbia.

He is a certified arborist and has worked in the British Columbia natural resource sector since 1972 including provincial parks, forestry, recreation, wildfire, watersheds, restoration, community, stewardship and arboriculture.

Doug teaches the Parks and Recreation, Forest Harvesting and Silviculture and the Wildland Fire Safety Module of BC's Wildlife Danger Tree Courses.

### **ABSTRACT**

#### ***“Post-Disaster Tree Hazard Assessment***

#### **or “When a tree falls in a forest – is anybody near?””**

Large-scale catastrophic events such as British Columbia's wildfires of 2003 require a special level of preparedness, planning and coordination to effectively deal with hazardous trees, especially in respect to worker and public safety. From July to October 2003, thousands of firefighters from across North America were sent to the fireline, many of them oblivious to the hazards associated with burned trees. During this time, Doug acted as a danger tree specialist, safety officer and educator on seven project fires.

This presentation will begin with a brief overview of British Columbia's Wildlife Tree Committee, the Wildlife Danger Tree Assessment Process and the recently developed Wildland Fire Safety Module. Doug will then describe how he set up danger tree assessment and removal programs on the fireline. The presentation will close with an overview of how the assessment/removal process was evaluated and what corrective actions were taken from the “lessons learned”.

## **Brian Fisher, BC Hydro & Power Authority**

### **BIOGRAPHY**

Brian is a Strategic Coordinator of Vegetation Management for BC Hydro and a team leader responsible for the Vegetation Management Program for Distribution. He is a Certified Arborist, has been involved in arboriculture for 27 years, and has been a Utility Arborist for the past 11 years. He has a B.A. in Psychology and Business.

He is Past President of PNW Chapter of ISA and served 10 years on the Certification Test Committee and the Utility Specialist Test Committee. He is a member of the BC Wildlife Tree committee. Brian has spoken at many ISA and related functions,:

NADF Trees & Utilities conference -1999; ISA PNW Trees & Utilities Conference 4 times; -PNW ISA conferences - 15 times; Prairie Chapter conference; Wisconsin Arborists Conference; Kentucky Arborists Conference; Southern Chapter Tree Structure & Mechanics Conference. He was the ISA keynote speaker at Hilton Head "The Psychology of Tree Care". Brian has done many presentations related to our attitudes, approaches and communications within the tree care business. Brian also speaks on Utility issues. Some topics include:

"Good Arboriculture = Good Business"; "Hazard Tree programs" ; "Utility Arboriculture"

"Utility Arboriculture and Our Communities"; "Utility Arboriculture and our Non-utility Peers"

### **ABSTRACT**

## **Utilities and Storm Response**



**Senator Ross Fitzpatrick**

### **BIOGRAPHY**

Ross Fitzpatrick was appointed to the Senate of Canada for British Columbia in March of 1998. Born and raised in the Okanagan (Similkameen) Senator Fitzpatrick has a strong commitment to the community, environment, business and above all Canada. This commitment is reflected in his tireless work with many non-profit organizations and community groups, including the Vancouver Institute, BC Government House Foundation, and the Okanagan Symphony. He is a member of the Okanagan Vintners Estate Winery Association, Kelowna Art Gallery, Canadian Club and is a supporter of Kelowna General Hospital Foundation, the Rotary Performing Arts Centre, Central Okanagan Foundation and the BC Children's Hospital.

Senator Fitzpatrick received a Bachelor of Commerce and Business Administration from the University of British Columbia in 1958, and pursued postgraduate studies at the University of Maryland in Economics and attended Columbia University's Graduate School of Business. He has been recognized by UBC as a Distinguished Alumnus, for his outstanding contribution to business, the university and the community.

Senator Fitzpatrick has had a distinguished business career. He is the proprietor of Cedar Creek Estate Winery, General Partner Fitzpatrick Group, Chairman of Greata Development Corporation and Chairman of Channel Resources. Senator Fitzpatrick was the founder and CEO of Viceroy Resource Corporation, which was named BC's fastest growing company for three consecutive years by *Profit* magazine, and was recognized as one of the most successful startup mining operations in North America. It also received six environmental awards for its development of Castle Mountain Gold Mine in California. Senator Fitzpatrick also founded and developed companies in the oil and gas industry and aerospace industries in Canada and the United States.

Fitzpatrick began his career in politics in 1963 as the Executive Assistant to a Federal Cabinet Minister.

Senator Fitzpatrick is married to Linda. He has two children Gordon and Lesley.



**Russell Friesen, City of Calgary**

### **BIOGRAPHY**

Russell Friesen is the Urban Forestry Coordinator with the City of Calgary. He has a B.S.Ag from the University of Saskatchewan.

### **ABSTRACT**

## **“No Buck Rogers... No Bucks!”**

In the movie *"The Right Stuff"*, the Mercury 7 astronauts summarize the challenge that all government programs face in those five simple words “No Buck Rogers... No Bucks”. In other words, government programs run on funding, and politicians fund what the people want.

Urban Forestry is just as much about people as it is about trees. One of the hallmarks of the City of Calgary's urban forestry program is its commitment to engaging the public in the forestry program's development.

This presentation focuses on strategies – in particular, the Community Model Forest Program – that the City of Calgary uses to help ensure they have “the right stuff” for their Urban Forestry program.



**Mayor Walter Gray, City of Kelowna**

**BIOGRAPHY**

Born in Victoria, B.C., Walter Gray moved to Kelowna at a young age, graduating from Kelowna Secondary School. He began his career in radio at CKOV Kelowna and eventually worked in public relations with the Canadian Forestry Association and on-air with CHBC-TV in Kelowna. In the late 60's-early 70's he established radio stations in Salmon Arm, Revelstoke and Kelowna before founding another station (The Bullet) in Kelowna in 1995. A Director of Sun Country Cablevision Ltd. since 1987 he was named Broadcaster of the Year by the B.C. Association of Broadcasters.

Always committed to community service, Walter was President of the Kelowna Chamber of Commerce, President of the Okanagan Neurological Association as well as being a Director of Telefilm Canada. He has also served with the B.C. Association of Broadcasters, Okanagan Film Commission and as a Director of B.C. Transit. He was first elected Mayor of Kelowna in 1996 and has twice been re-elected.





**Dr. Leland (Lee) Humble, Canadian Forest Service**

**BIOGRAPHY**

Dr. Humble currently leads two research studies within the Forest Health and Biodiversity Network at Pacific Forestry Centre in Victoria. Curator of western Canada’s largest forest insect reference collection, supervising two full-time technicians conducting research and providing identification services. Chairs the Biosystematic Working Group of the Canadian Forest Service Responsible for Quarantine rearing facility at Pacific Forestry Centre, Canadian Forest Service

<b>Degrees/Position</b>	<b>University/Institution</b>	<b>Subject</b>	<b>Year</b>
B.Sc	University of Victoria	Biology	1977
Ph.D.	University of Victoria	Biology (Entomology)	1987
Research Scientist	Canadian Forest Service	Entomology/Diagnostics	1985-present
Associate Research Scientist	Jilin Provincial Academy of Forestry Science, PR China	Entomology	2001-present

**ABSTRACT**

**Alien Invaders: Non-indigenous Species in Urban Forests**

Recent establishments of invasive insect pests across Canada have highlighted the threat that such incursions pose to the urban and natural forests of the country. The impacts of non-indigenous introductions generally first occur in urban environs, as a direct result of the importation of a wide range of commodities. Once established in the urban environments, pest populations can expand into the adjacent natural forests. One of the earliest introduced pests, beech bark disease, arrived in Halifax, NS in 1890; and has since spread across the range of beech in Canada and the Northeastern United States. Dutch elm disease was first discovered in Quebec in 1945. Since then it has devastated the urban and native elms in the Maritimes and central Canada and is now present in Manitoba and Saskatchewan. Currently, eradication programs are underway in urban forests for three recently introduced wood-boring pests: Brown Spruce Longhorn Beetle in Halifax, NS; Asian Longhorn Beetle in Toronto and Vaughn, ON; and Emerald Ash Borer in Windsor and Essex County ON. British Columbia has maintained its gypsy moth free status through active eradication of incursions of the pest from eastern North America and Asia for more than 25 years. The likelihood of success of eradication programs against new incursions of invasive forest pests is greatly enhanced by early detection of any introduction. Because introduced forests pests first establish in urban forests and parks, the managers of these urban forests and trees can play a significant role in the early detection of invasive alien species. This role and the impacts of recent invasive introductions in urban forests are reviewed and Canadian and international strategies to prevent the influx of alien invasive species, to monitor for their presence, and attempts to control established populations are discussed.



**Dr. Mark H. Johnston, Director-Tree Canada Foundation  
Senior Research Scientist, Forest Ecology and Climate Change,  
Saskatchewan Research Council**

### **BIOGRAPHY**

Mark Johnston received a B.Sc. in Forest Resources Management from the University of Minnesota in 1976, an M.Sc. in Forest Science from the University of Alberta in 1981, and a Ph.D. in Tropical Forest Ecology from the College of Environmental Science and Forestry, State University of New York in 1990. He holds adjunct professor positions with Lakehead University and the University of Saskatchewan. He has carried out research on the role of fire in the boreal forest, the impacts of timber harvesting on terrestrial and aquatic ecosystems, and on carbon sequestration in forest ecosystems. In his current position with the Saskatchewan Research Council, he is carrying out research on the impacts of climate change on boreal forests, and on how carbon credits can be integrated into sustainable forest management.

### **ABSTRACT**

## **Impacts and Adaptation for Climate Change in Urban Forests**

The likelihood of climate change in Canada is now accepted by the majority of the scientific community. Climate change is expected to bring warmer wetter winters and warmer drier summers, and rates of fire and insect disturbance are expected to increase. In addition, these effects will interact with existing urban stresses such as air pollution, soil compaction and heat island effects. Since it is unlikely that these effects can be fully prevented, it is essential that adaptive strategies be identified early so they can be implemented by urban forest managers before these impacts are felt. Managing for tree health will become increasingly important, and selection for tree species and varieties that are drought, heat and insect resistant will become a necessity. Managing fire in the wildland-urban interface will become critical in the coming decades, with fire-smart activities playing an increasing role in community planning. Climate change will present both threats and opportunities, and it is not too early to begin planning for both.



**Dr. W. Andrew Kenney, Ph.D. R.P.F.**  
**Faculty of Forestry - University of Toronto**  
**Director-Tree Canada Foundation**

### **BIOGRAPHY**

Andy Kenney has a B.Sc. F. from Lakehead University, an MSc. in Agroforestry from the University of Guelph, and a Ph.D. from the Faculty of Forestry, University of Toronto. He has worked as a District Forestry Officer in South Africa, and as a silviculturalist in British Columbia. He was director of the Urban Forests Centre at the Faculty of Forestry, University of Toronto from 1994 to 2000. Andy was co-chair of the organizing committee for the 5th Canadian Urban Forest Conference held in Markham Ontario in 2002. He is a member of the Board of Director of the Tree Canada Foundation. He is also a Director of LEAF, a Toronto-based NGO working with community groups and landowners to promote urban forestry. In 2003 Andy was awarded the International Society of Arboriculture - Ontario Chapter's Maple Leaf Award, the Ontario Urban Forest Council's Conservation Award, and the Canadian Institute of Forestry's Tree of Life Award.

### **ABSTRACT**

## **Canada's National Urban Forest Strategy: Accomplishments since the 5<sup>th</sup> Canadian Urban Forest Conference**

One of the objectives of the 5<sup>th</sup> Canadian Urban Forest Conference, held in Markham ON in October 2002, was to advance the position of urban forestry on the national and provincial agendas. Since that time, urban forestry has gained a strong place in Canada's National Forest Strategy. The Canadian Urban Forest Network has also been established to advance the specific objectives identified in Markham and those outlined in the National Forest Strategy. One of the keystone objectives from Markham was the development of a National URBAN Forest Strategy. In this session, Andy will bring us up-to-date on these and other advances made since CUFC5.

Breakout Session #1: The Canadian Urban Forest Strategy: A Call to Action.

Approximately 175 participants at the 5<sup>th</sup> Canadian Urban Forest Conference in Markham identified a list of key action items that they felt were critical to the advancement of urban forestry in Canada. This list has been incorporated into the National Forest Strategy (a broadly recognized and endorsed document intended to guide forestry in Canada from 2003 to 2008) and the proposed National URBAN Forest Strategy. Participants in this breakout session will have an opportunity to become directly involved in this important step in the growth of urban forestry in Canada. Come out and make sure your voice is heard.



## **Mario Lanthier, Crop Health Advising**

### **BIOGRAPHY**

Mario Lanthier is the owner of CropHealth Advising & Research, a Kelowna-based company.

He offers services related to Plant Health Care to public agencies, landscape companies, and nurseries in Western Canada. Services include diagnostic of plant problems; testing of soil fertility and development of fertilisation programs for optimum plant growth; training of local personnel in procedures for monitoring of site-specific pests; and field trials for new products or new procedures following “Good Laboratory Practices” procedures.

Mario is a “Certified Arborist” with the International Society of Arboriculture, a “Certified Soil Foodweb Advisor” with Soil Foodweb Inc. in Oregon, and holds a certificate of training for nursery inspection by Agriculture Canada.

### **ABSTRACT**

## **Mycorrhizal fungi – Improving urban tree tolerance to water stress**

Mycorrhizal fungi are specialized organisms that live on plant roots in a mutually beneficial relationship. They are very common in nature, but less common in street plantings or in nursery potting mixes. Plants colonized by mycorrhizal fungi have a higher tolerance of environmental stresses caused by drought, cold, replant, low fertility, or presence of root rot pathogens.

Over the past four years, our company has tested commercial mycorrhizal products in different nursery and urban settings. We have documented a number of benefits for the treated plants, including more rapid root development and higher survival after replanting.

This presentation will review research from across North America on possible use of commercial products in street plantings to ensure adequate root colonisation and improve plant tolerance to water stress.



**Scott Maco, CUFR California**

### **BIOGRAPHY**

Scott is a research forester at the US Forest Service, Pacific Southwest Research Station, Center for Urban Forest Research in Davis, CA. He received a B.S. in Urban Forestry from the University of Washington and an M.S. in Horticulture and Agronomy from UC Davis. Scott's experience includes municipal forestry work with the City of Seattle and agroforestry work in Senegal. Currently, he focuses his research on benefits and costs of cities' vegetation resource and how effective management can improve benefits realized.

### **ABSTRACT**

## **Stemming the Fiscal Crisis: Tools for Valuing and Marketing the Urban Forest**

A case study of North Vancouver, B.C. demonstrates STRATUM's (Street Tree Resource Tool for Urban forest Managers) utility in conducting a municipal street tree assessment that fosters community support, secures funding, and provides baseline data for effective resource management. Utilizing a sample inventory or an existing inventory of street trees, this software allows managers to evaluate current benefits, costs, and management needs of their street tree resource. Resource structure, function, and value will be discussed as well as how managers can effectively disseminate this information to "market" the urban forest.





### **Councillor Ed Marler, City of Fort Saskatchewan, AB**

#### **BIOGRAPHY**

First elected to the City of Fort Saskatchewan Council in 1998 Councillor Ed Marler became the youngest serving elected official in the province at the age of 19 and was subsequently re-elected in 2001. Councillor Marler has been at the forefront of renewing a community that is trying to put years of stagnation behind. Ed and City Council have just opened a new 21 million dollar recreation and culture center, are consistently bringing in new commercial development and residential neighborhoods. Fort Saskatchewan is now known as a growing cosmopolitan center, rather than just the home of a billion dollar petrochemical industry.

#### **ABSTRACT**

### **From Desert to Oasis**

In 2003 Ed Marler formed Fort Saskatchewan's Urban Forest Committee. Fort Saskatchewan was notorious for its heavy industry and long liner shape, both bending along the North Saskatchewan River. With the seconded busiest highway in Alberta running through the community Fort Saskatchewan receives a great deal of exposure on a daily basis. Unfortunately the communities' best attribute their river valley is virtually unseen from the highway. Over the past number of years City Council has received a steady stream of complaints regarding the noise, light and dust coming off the highway into the adjacent residential neighborhoods. Other communities have addressed these problems by erecting large walls with the hope of eliminating or mitigating the problem. The Urban Forest Committee wanted to create a made in Fort Saskatchewan Solution by planting 200,000 trees and shrubs over the next 20 years. To date their accomplishments have received local, regional and national praise as well as over \$100,000 in private contributions.



**Jim McCready, Eastern Ontario Model Forest  
& McCready Tree & Forestry Consulting**

Jim McCready is a registered professional forester and a certified arborist. A graduate of the University of Toronto, he became interested in urban forestry through the person who defined the term, Dr. Eric Jorgensen. After graduation, Jim worked with the Ontario Ministry of Natural Resource for 28 years where he held the titles of forester, forest management supervisor, fire management supervisor, area manager and provincial gypsy moth co-coordinator. Jim currently is the vice president of the Eastern Ontario Model Forest, the chair of the Eastern Ontario Urban Forest Network, chair of the Carleton Place Urban Forest Advisory Committee and is the town's arborist. When he has time he works as a consultant - McCready Tree & Forestry Consulting.

**“ Ice-Storm '98 – Lesson's Learned”**

In January of 1998 eastern Ontario, Quebec, northern New York state and parts of New Brunswick were hit with a four day ice storm which toppled hydro towers and damaged millions of trees leaving some families without access or hydro for over a month. As we are told constantly, with climate change now a reality, we can expect more frequent, violent storm events. This presentation deals with how Eastern Ontario dealt with the Ice Storm of 1998. What were the initial responses? How did we organize ourselves? What were the initial messages to homeowners regarding their trees? What were the programs developed to assist landowners and municipalities? What science did we learn? How do we prepare for the next one?



**Dean Monterrey, City of Nanaimo**

### **BIOGRAPHY**

Deputy Fire Chief **Dean Monterrey**, has 26 years of practical experience in emergency response and management, supplemented by an undergraduate degree and many extended courses in the emergency management field.

Dean has applied his expertise to a diversity of emergency management challenges, such as advising foreign, provincial, regional and local governments on their emergency management organizations, preparing regional and inter-jurisdictional response and recovery plans, and teaching the concepts and practices of the Incident Command System to response organizations of all types.

Dean has proven the principles of ICS while responding to hundreds of major public events and emergency incidents, including such notable events as the 1988 Olympic Winter Games, the 1989 Exxon Valdez oil spill, and the 1998 Salmon Arm Firestorm in British Columbia. At the height of the 1991 Persian Gulf War, he assisted the governments of Bahrain and Qatar in dealing with the world's largest oil spill. In 1999, Dean assisted with the Kosovar refugee airlift crisis. During the summer of 2003, Dean spent 41 days advising the Deputy Fire Commissioner of BC, and other government agencies during the wildfires in BC.

Dean is currently the Deputy Fire Chief – Operations for the City of Nanaimo Fire Rescue Department.

### **ABSTRACT**

## **Emergency Preparedness and the Urban Forest “Burn to Learn”?**

The summer of 2003 taught many people many lessons. While we expect Wildland Urban interface fires as a result of forest fires on crown or private land, many communities with extensive tracts of forested land within their jurisdictions now must face the realization that forest fires can and will occur in their city. This changes relationships with provincial agencies and can thrust local government into new roles before, during and after the incident.

This presentation will focus on preparedness activities and approaches that the City of Nanaimo has undertaken since 2003 and the successes and pitfalls along the way.



**Jeff Monty, R.P.F.**  
**President-Tree Canada Foundation**  
**Chair-CUFC6 Conference**

**BIOGRAPHY**

Jeff is currently President and CEO of the Tree Canada Foundation. Prior to becoming President, he was working for the B.C. Government, as acting Director of the terrestrial Information Branch. Before that, he spent six years in Whitehorse as Regional Manager, Forest Resources, for the Department of Indian & Northern Affairs. He also worked for the Canadian Forest Service in Petawawa, Ontario and the Alberta Forest Service in Edmonton. He earned his B.Sc. in Forestry from UNB and his Public Administration Certificate from U of A. Jeff recently completed certification for the Canadian Association of Society Executives.

**Jim Mottishaw, Zone Manager, B.C. Ministry of Forests**

**BIOGRAPHY**

Jim is currently the Zone Manager for the Ministry of Forests, Protection Branch in Penticton British Columbia.

In 1978 Jim graduated with a Forest Resource Technologist diploma from the College of New Caledonia at Prince George British Columbia and commenced employment with the Ministry of Forests.

For the last 25 years Jim has been directly involved with fire suppression and in the past 10 years he has specialized in the Wildland Urban Interface Program.

Jim was one of the first Wildland Urban Interface Specialists to be appointed to the program in the early 1990's and is an advocate for improving public awareness of fire prevention methods and risk reduction.

**ABSTRACT**

**Fire Smart Landscaping**



**Dwayne Neustaeter, ArborMaster**

### **BIOGRAPHY**

**Dwayne Neustaeter** is president of ArborMaster Training Canada Inc. He provides training to arborists internationally and across North America.. Dwayne chairs the Emergency Response subgroup of the International Safety Committee, and is a member of the ISA Arborist Certification Board. His past experience as an instructor at Olds College, AB, his international travels and training venues as well as his professional affiliations keep him abreast of new technologies and advancements within the tree care industry. Dwayne is currently president of the ISA Prairie Chapter.

### **ABSTRACT**

## **Fail to Prepare .....Prepare to Fail**

Well documented and verifiable training and examination procedures are very important when working in high risk activities such as tree maintenance. The accident and fatality statistics for arboriculture are alarmingly high. Come and hear what is happening in the industry and learn how you can prepare your tree maintenance staff to work more safely and efficiently. In addition you will gain an understanding of some of the complications and results of failing to prepare staff and/or contractors who knowingly work in high-risk environments.





**Michael Rosen, R.P.F., Vice-President – Tree Canada Foundation**

Moderator : Responding to Fires and Storms

**BIOGRAPHY**

Michael Rosen is Vice-President of the Tree Canada Foundation, responsible for projects and communications and is the author of papers on urban forests, private land forestry and invasive species. Previous to the Foundation he was with the Ontario Ministry of Natural Resources as a Stewardship Coordinator and a Forester. He is a long-standing member of the ISA and the Canadian Institute of Forestry. Michael received the Amethyst Award from the Province of Ontario for his work as a Stewardship Coordinator in the Ottawa area, is a past Editor of the *Professional Forester* and was part of the team which saw foresters become a licensed profession in Ontario in 2000. Michael spent his undergraduate years on elm preservation on significant national sites in Ottawa as well as on a high lead logging crew with MacMillan Bloedel and Weldwood. He has a B.Sc.F. (Toronto), B.A. (Trent) and the Ontario Advanced Forestry Program Diploma (Lakehead/Toronto).



**Chris Saunders, City of Edmonton**

### **BIOGRAPHY**

Chris' 25 year career with the City of Edmonton has largely involved the supervision of the Community Services' Pest Management Lab. Chris has specialized in the development and promotion of urban integrated pest management solutions with emphasis on sustainable, ecologically-sound alternatives to pesticides. Research interests include the biological control of insect pests of ornamental trees. Chris plays an active role in a variety of environmentally related programs at the City of Edmonton, from nuisance and West Nile virus vector mosquito abatement to water quality management for international triathlon swims. Chris enjoys art, photography and the Canadian wilderness.

### **ABSTRACT**

## **Bugs Coming Out of the Woodwork: Drought and Stress Problems in Edmonton's Forest**

In the past forty years, Edmonton has seen the rise and fall of some alarming tree pests. We have been evolving from a government system that has frequently practiced and promoted pesticide treatments against chronic urban forest pest problems. Unprecedented drought conditions in Edmonton's urban forest have resulted in the appearance of several new bugs as well as outbreaks of many secondary pests, the likes of which have never been known in our collective experience. As society moves forward with expectations of reduced synthetic pesticide use on public lands, we face a growing challenge of how to protect urban forest health from climate change, not to mention invasive alien pests and disease. New Edmonton elm and ash pest studies are featured to justify management responses and citizen education by the City to new crises that are seriously testing the sustainability of Edmonton's forest.



**Philip van Wassenauer, Urban Forest Innovations Inc.**

### **BIOGRAPHY**

Philip van Wassenauer has over fifteen years experience in the field of urban forestry and arboriculture. He has received a B.Sc. in Environmental Science and a Masters degree in Urban Forest Conservation, both from the University of Toronto. Philip is currently the President of the Ontario Urban Forest Council, a member of the American Society of Consulting Arborists (ASCA), and a certified arborist with the International Society of Arboriculture (ISA). His consultancy, Urban Forest Innovations Inc., specializes in urban forest management and consulting arboriculture.

### **ABSTRACT**

## **Strategic Urban Forest Management Planning – Preparing for the Future**

Strategic urban forest management planning can be used as an effective tool to minimize the impact of natural disasters that can affect the urban forest canopy. Although these disasters can come in many forms (fires, ice storms, insects and diseases, hurricanes, storm bursts and tornadoes, etc.) a strategic urban forest management plan allows for contingencies which can address many of these issues.

The basis for any management plan is a comprehensive inventory which once completed would have a series of five-year operational plans nested within the twenty year one.

Adaptive management calls for flexibility.. When a disaster occurs, the immediate operational requirements will change. The impacts of the event can be assessed and the current five-year operational plan can be adjusted accordingly.

This talk will explore the concept of urban forestry planning and use recent examples of natural disasters and their affect on the urban forest to highlight the advantages of having plans in place before a disaster occurs.



**Stew Walkinshaw,  
Alberta Sustainable Resource Development**

### **BIOGRAPHY**

Stew Walkinshaw is the Wildland/Urban Interface Program Manager for Alberta Sustainable Resource Development, Forest Protection Division responsible for Provincial interface community planning and prevention and interface fire operations.

He has a Forest Technologist Diploma and a B.Sc. Forestry and has worked in the Alberta forest industry since 1979 as a Forest Officer, wildland/urban interface consultant, and most recently as the Fire Manager for the Southern Rockies Wildfire Management Area.

Stew has specialized in Wildland/Urban Interface planning and operations since 1993 and was just recently appointed as the Wildland/Urban Interface Program Manager for the Province.

### **ABTRACT**

## **Fuel Modification Is Great But Show Me the Money!**

The Bow Corridor is located in the Rocky Mountains of southwestern Alberta and has become the recreational and development capital of Alberta. It includes federal, provincial, municipal, and deeded lands along the Bow River corridor from Banff National Park in the west to Kananaskis Country in the east.

The Bow Corridor Wildland/Urban Interface planning and implementation process has been ongoing since 1999 and includes mitigative measures from all seven WUI disciplines involving stakeholders from federal, provincial, and municipal governments, land-developers, non-governmental organizations, and private landowners from the FireSmart wildland/urban interface zone to the landscape zone.

This presentation will discuss:

- Stakeholders involved in the planning and implementation process.
- Innovative partnerships to complete projects.
- Creative funding sources for fuel modification programs.
- Solutions for the future.



**Ian Wilson, City of Kelowna & Program Chair CUFC6**

Moderator: Managing Urban Fiscal Emergencies

**BIOGRAPHY**

**ABSTRACT**

**GPS/GIS Tools and Tree Inventory**



**Kathy Wolf, University of Washington**

### **BIOGRAPHY**

Kathleen L. Wolf is a Research Scientist at the College of Forest Resources, University of Washington, and does research in environmental psychology. She has worked professionally as a landscape architect and as an environmental planner. Since receiving her Ph.D. from the University of Michigan, Dr. Wolf has worked to better understand the human dimensions of urban forestry and urban ecosystems. In addition, Kathy is interested in the communication of scientific information in policy and planning. She is a member of the Washington State Urban and Community Forestry Advisory Council, the Environmental Design Research Association, and the Seattle Mayor's Urban Sustainability Advisory Panel.

### **ABSTRACT**

## **What Could We Lose? Economic Value of Urban Forest, Intangible and Tangible Benefits**

People and societies have historically acknowledged the benefits and values of trees and nature in cities. Yet it is often difficult to justify the resources needed for tree care in municipal budget and decision-making processes, based on just anecdotes and testimonials. What do we lose if the fiscal resources aren't there for tree care? Recent research about the benefits and functions of the urban forest confirms our intuitions about the value of urban greening, and adds more dimension to our understanding of how trees make good cities better. Some of the benefits research has been translated into economic costs and returns. This presentation will be a review of the latest research and economic valuations, providing the evidence that managers need to make a better case for urban forestry funding.





**Gerry Zimmerman, Fire Chief, City of Kelowna**

### **BIOGRAPHY**

Gerry Zimmermann was born on April 14, 1949 in Vernon, BC. After high school he became employed with BC Tel and moved to Kelowna. In 1971 he joined the Kelowna Volunteer Fire Department, and in 1972 was hired as a professional firefighter. Gerry has held the positions of Lieutenant (1978), Assistant Chief (1980), Deputy Chief (1986), and Fire Chief (1990).

Chief Zimmermann has a certificate in Municipal Government Administration from Malispina College. He is a member or past member of the following committees:

- Chairman, Regional District of Central Okanagan Fire Chiefs
- Director, Career Section, BC Fire Chiefs Association
- Member of the BC Fire Safety Advisory Council
- Past Chairman, Zone 3 First Responder Committee

In 2003 Chief Zimmermann received the following awards - Paul Harris medal from the Rotary Club; Award of Merit from the Lions Club; third overall chosen in the Nation Builder of the Year award from Globe and Mail; and second chosen for Canadian of the Year from MacLeans; Power of Humanity Award to BC Firefighters and First Responders from the Red Cross; and in May of 2004 he received an Honorary Doctorate from Okanagan University.

Gerry and his wife Sandy own a hobby farm with an orchard, a vineyard and beef cattle. He has three grown children - the eldest daughter is a school teacher, the younger is a recent university graduate and his son is a firefighter with the Kelowna Fire Department. Gerry likes to work out at the gym, cycle and ski.

### **ABSTRACT**

#### **Firestorm 2003**

The presentation will include a 12-minute video called "My City", which shows the viewer some of the scenes of the fire plus pictures of the community dealing with the situation. My talk takes a look at the fire from the firefighters perspective, looks at the importance of good communications plus talks about the public involvement.

# List of Delegates