



Fraser Basin Council

2006 STATE OF THE FRASER BASIN CONFERENCE

# SUSTAINABILITY

## Inspiring Action



**November 16 & 17, 2006**  
Vancouver Convention and Exhibition Centre

And featuring the  
**SUSTAINABILITY AWARDS GALA DINNER**

**November 16, 2006**  
Fairmont Waterfront Hotel

## PROGRAM AT A GLANCE

Day 1 • Thursday, November 16, 2006		Room <small>(All rooms at the Vancouver Convention and Exhibition Centre unless otherwise noted.)</small>
7:30 AM	<b>Registration Desk opens</b>	Parkview Terrace foyer
8:30 AM	<b>Welcome and Opening Remarks</b>	Parkview Terrace
8:40 - 9:20 AM	<b>State of the Basin Address—Dr. Charles Jago</b>	Parkview Terrace
9:20 - 9:55 AM	<b>Discussion and Response</b> Participants to share perspectives on the State of the Basin Address and <i>Sustainability Snapshot 3</i>	Parkview Terrace
9:55 - 10:10 AM	<b>Refreshments</b>	Parkview Terrace
10:10 AM - 12:00 PM	<b>Sustainability Awareness and Support: Where are we starting from?</b> James Hoggan with Linda Coady, Chris Kelly and Elaine McHarg	Parkview Terrace
12:00—1:00 PM	<b>Lunch</b>	Fairmont Waterfront Hotel (Ballroom)
1:00—2:30 PM	<b>Inspiring Action on Today's Hot Spots</b> <b>Four concurrent sessions (Set 1)</b> <ul style="list-style-type: none"> <li>• Land &amp; Food Production</li> <li>• Energy &amp; Climate Change</li> <li>• Community Sustainability</li> <li>• A New Relationship</li> </ul>	Conference Centre rooms:  Room 18 Room 19 Room 16 Room 15
2:30—2:40 PM	<b>Refreshments</b>	Parkview Terrace
2:40—4:10 PM	<b>Inspiring Action on Today's Hot Spots</b> <b>Four concurrent sessions (Set 2)</b> <ul style="list-style-type: none"> <li>• Water Stewardship &amp; Fish</li> <li>• Purchasing for Sustainability</li> <li>• Safer Communities</li> <li>• Water &amp; Risk</li> </ul>	Conference centre rooms:  Room 15 Room 18 Room 16 Room 19
4:15 - 5:30 PM	<b>Inspiring Action: A Conversation with Youth</b> Her Honour Iona Campagnolo, Lieutenant Governor of BC, with youth leaders Simon Jackson, Catherine Lessard, Brittini Timothy and Yongjie Yon	Parkview Terrace
6:00 - 10:00 PM	<b>Sustainability Awards Gala Dinner</b> Reception 6:00 pm/Dinner 7:00 pm For ticket holders	Fairmont Waterfront Hotel (Ballroom)

Day 2 • Friday, November 17, 2006		Room
8:30—11:55 AM	<b>What Have We Learned So Far? What More Needs to be Done?</b> A plenary with Charles Holmes (moderator) to build on the plenaries of the previous day and the innovative actions from the concurrent sessions. Help plan our collective priorities for the next five years through a lively discussion and electronic keypad polling.	Parkview Terrace
12:00 - 1:00 PM	<b>Lunch</b>	Fairmont Waterfront Hotel (Ballroom)
1:15 - 2:20 PM	<b>Voices for Inspiring Action</b> Richard Prokopanko (moderator) welcomes Shawn Atleo and Silken Laumann	Parkview Terrace
2:20 - 3:00 PM	<b>Conference Summary and Closing Presentation</b>	Parkview Terrace

Day 1 • Thursday, November 16, 2006



**Charles Jago**  
*Chair, Fraser Basin Council*

**State of the Basin Address**

Dr. Charles Jago opens the 2006 conference with his much-anticipated State of the Basin Address, marking progress on our journey for sustainability and the challenges we face on the way. He'll offer insights on *Sustainability Snapshot 3*, the Fraser Basin Council's ground-breaking report on sustainability indicators and trends.



**James Hoggan**  
*James Hoggan & Associates*



**Linda Coady**  
*Vice President, Sustainability  
VANOC*

**Chris Kelly**  
*Superintendent, Vancouver  
School Board*

**Elaine McHarg**  
*Senior Vice President  
The Ethical Funds Company*

**Sustainability Awareness and Support**

James Hoggan of James Hoggan & Associates explores what sustainability means to Canadians today, based on the latest public research study. From this study and his work with public, private and community organizations throughout Canada, Jim looks at why people fail to act, even when they believe in a cause—and what it will take for that to change.

Also, Linda Coady, Chris Kelly and Elaine McHarg speak about their plans to put this public research to work in their own sustainability efforts.



**Her Honour  
Iona Campagnolo**  
*Lieutenant Governor of BC  
Moderator*



**Simon Jackson**  
*Spirit Bear Youth Coalition*

**Inspiring Action: A Conversation with Youth**

Join Her Honour Iona Campagnolo, Lieutenant Governor of BC, in a conversation with inspirational youth leaders from across the Fraser Basin.

Simon Jackson (Spirit Bear Youth Coalition), Catherine Lessard (Vice Tribal Chief, Carrier Sekani Tribal Council), Brittini Timothy (BC 4H Club), and Yongjie Yon (Earth Charter Youth Initiative) tell their stories and show how the power of youth can inspire action for change.

Day 2 • Friday, November 17, 2006



**Richard Prokopanko**  
*(moderator)  
Director of Corporate and  
Sustainability Affairs, Alcan*



**Shawn Atleo**  
*BC Regional Chief,  
Assembly of First Nations*



**Silken Laumann**  
*Canadian rower and  
champion of children's  
charities*

**Voices for Inspiring Action**

Join moderator Richard Prokopanko who invites Shawn Atleo and Silken Laumann to share their stories of inspiration and identify the opportunities we all have to engage other people. They will charge up your enthusiasm for taking and inspiring action for sustainability wherever you live, work and play!



**Charles Holmes**  
*Co-founder and Associate, Learning Strategies Group, Faculty of  
Business, SFU (facilitator)*

**What Have We Learned So Far? What more needs to be done?**

Don't miss this energetic session, which builds on the plenary sessions from the previous day and the innovative actions from the concurrent sessions. It's a unique opportunity for all participants to have a say on sustainability priorities—through both open discussion and electronic keypad polling. Together we can cut a new path for sustainability over the next five years. Come prepared to be informed, inspired and engaged!



### LAND AND FOOD PRODUCTION: RESOLVING TURF WARS TO ENSURE A FRUITFUL FUTURE



#### MODERATOR:

##### **Parm Bains**

*Agriculture Producer  
Westberry*

#### SPEAKERS:

##### **Kim Sutherland**

*Regional Agrologist, Fraser Valley East  
BC Ministry of Agriculture*

##### **Mark Robbins**

*Regional Agrologist, Coastal Region  
BC Ministry of Agriculture*

##### **Ione Smith**

*Outreach Coordinator  
Smart Growth BC*

Food is a necessity of life. The land it grows on is a non-renewable resource. How we make land use decisions affects BC's ability to produce food.

In BC, we grow an amazing variety of food products for local consumption as well as for export. Remarkably, half of what we eat is produced right here on only 3% of the land base, much of it on the best food growing land in Canada. With such a small portion of the provincial land base suitable for a range of agricultural activities—and with just over 1% of that classified as prime agricultural land—the necessity of protecting this resource is paramount. Yet some of these prime agricultural lands are under intense pressure to be rezoned for housing and industrial use. How do we encourage small and large communities to plan for growth efficiently while protecting and enhancing the Agricultural Land Reserve (ALR)?

This session will look at municipal policy tools, alternative development standards and improved decision-making to benefit the long-term social, economic and environmental well-being of all British Columbians.



### ENERGY & CLIMATE CHANGE: AN OUNCE OF PREVENTION CAN INSPIRE A POUND OF CURE



#### MODERATOR:

##### **Rob Wickson**

*Chair, BC Chamber of Commerce*

#### SPEAKERS:

##### **Dave Dyer**

*Chief Engineer, Development Services  
City of Prince George*

##### **Helen Goodland**

*Executive Director,  
Lighthouse Sustainable Building Centre*

##### **Richard Hebda**

*Curator, Botany and Earth Science,  
BC Royal Museum*

Climate change has both global and local significance. While BC produces a small fraction of the world's greenhouse gas emissions, we have a significant leadership role in addressing climate change and increasing energy efficiency. Climate change may affect water availability, wildlife populations, forests, and many other natural systems in the Fraser Basin that communities and businesses depend on. Understanding the cause and potential impacts of climate change can help communities and businesses better prepare for the future.

This session will provide an interactive forum, allowing participants to network with outstanding experts, business and community leaders. It will include the latest information on current and potential impacts of climate change in BC. The session will include presentations on how communities and businesses are preparing for these impacts through actions such as reducing their vulnerability to the Mountain Pine Beetle outbreak, as well as developing green energy and energy efficiency opportunities. It will also inspire other communities and businesses to plan for the future and take action on climate change.



## COMMUNITY SUSTAINABILITY: HOMEGROWN SOLUTIONS TAKE ROOT



### MODERATOR:

**Johnny Carline**  
*Chief Administrative Officer, GVRD*

### SPEAKERS:

**Lurline Langbell**  
*Vice President, East Richmond Community Association*

**Jeanette Townsend**  
*Mayor, Valemount*

**Dave Whiting**  
*Consulting Agrologist/Planner, Kamloops*

Although many sustainability issues seem global or national in scope, we still relate most directly to what is happening where we live. The community—whether it is a small town in the north of the province or a large metropolitan area in the south—has an important role to play in advancing sustainability. More and more, communities within the Fraser Basin are taking action to focus their priorities around sustainability.

The integration of social, economic and environmental considerations prompts new kinds of questions, at times leading to unique and innovative initiatives providing multiple benefits. Communities in the Basin are choosing distinct approaches to making progress on local priorities—from downtown revitalization, improved service delivery and agricultural initiatives to economic diversification and hazard planning. Sometimes local government takes the lead, sometimes other interests do. Often they work collaboratively. In this session, participants will learn more about how sustainability is being inspired locally and how collaborative partnerships are developed. Speakers will highlight initiatives involving local government, business and the not-for profit sector.



## A NEW RELATIONSHIP: AN AGREEABLE ENVIRONMENT FOR ABORIGINAL & NON-ABORIGINAL RELATIONS



### MODERATOR:

**Mike Harcourt**  
*Chair, International Centre for Sustainable Cities*

### SPEAKERS:

**Grand Chief Ed John**  
*Tl'azt'en Nation*

**Janet Webster**  
*Chief, Lytton First Nation*

**John Watson**  
*Former Regional Director General,  
Indian and Northern Affairs Canada*

Aboriginal/non-Aboriginal relationships in BC are experiencing a sea change. Last year, the three main Aboriginal organizations in the province—the First Nations Summit, the Union of BC Indian Chiefs and the BC Region of the Assembly of First Nations—signed a Leadership Accord and formed the First Nations Leadership Council, expressing their joint commitment to work together on matters of mutual interest. Not since the early 1980's has there been as much unity among First Nations in the province. This Accord is a catalyst for the completion of the New Relationship Agreement, a truly landmark agreement between the First Nations Leadership Council and the Province of BC. In late 2005, a third agreement was struck, the Transformative Change Accord, among First Nations, British Columbia and the federal government.

These agreements underscore an exciting opportunity to address Aboriginal and non-Aboriginal relationships in BC in a substantial way. The challenge for all interests is to translate the words and commitment to action. This interactive session will consider these opportunities and challenges and strengthen the platform for inspirational action.



## WATER STEWARDSHIP & FISH: SPAWNING NEW GROUNDS FOR PROTECTING OUR FISH, AND OUR FUTURE



**MODERATOR:**

**Paul Kariya**  
*Executive Director*  
*Pacific Salmon Foundation*

**SPEAKERS:**

**Dan Kent**  
*Managing Director*  
*Salmon Safe, Oregon*

**Lee Hesketh**  
*Program Coordinator,*  
*BC Cattlemen's Association*

**Deana Machin**  
*Program Manager, Fisheries*  
*Okanagan Nation Alliance*

The current sustainability of salmon and watersheds in the Fraser Basin can be summed up quite simply: the whole is less than the sum of its parts. If that equation does not change, we will lose not only the fish and watersheds, but also a critical part of our identity as British Columbians. To change that equation and secure their—and our—future, users of water and surrounding lands, decision makers and those with an interest in the future of Fraser River salmon and watersheds require a common platform for moving forward and addressing critical issues.

In May 2006, a new and ambitious plan was launched which provides just such a platform. The vision of the “Fraser Salmon and Watersheds program” is to inspire and enable changes in human behaviour for the benefit of salmon and the watersheds they depend on. Engaging the public, addressing information needs and supporting more sustainable fisheries are key aspects of the program. This session will explore these opportunities.



## PURCHASING FOR SUSTAINABILITY: YOU ARE WHAT (AND HOW) YOU BUY



**MODERATOR:**

**Coro Strandberg**  
*Strandberg & Associates*

**SPEAKERS:**

**Maureen Cureton**  
*Energy Manager, Vancity*

**Dick Kouwenhoven**  
*President & CEO, Hemlock Printers*

**Victoria Wakefield**  
*Contracting Specialist, City of Vancouver*

Sustainability purchasing is about buying products that are more environmentally sound and socially and ethically beneficial.

It encompasses procurement, materials management, logistics, supply chain management and strategic sourcing activities—and calculating the total cost associated with each purchase. Sustainability purchasing means looking at whether products are really needed, whether they can be leased or pre-owned, what products are made of, where they come from, how they were made and how they will be disposed of. Although sustainability purchasing is relatively new, many organizations are already reaping the benefits: better aligned organizational values, improved product and service quality, increased resource productivity, reduced risk and enhanced financial competitiveness.

This session will focus on helping those new to sustainability purchasing policies or programs, or those who are extending social, environmental and ethical considerations to new areas of purchasing practice within their organizations. Participate in a dialogue on how organizations are applying sustainability purchasing to inspire action on sustainability, and learn how to apply these practices within your own organization.



## SAFER COMMUNITIES: RESTORATIVE ACTION REPAIRS HOLES IN THE SOCIAL SAFETY NET

**MODERATOR:**

**Maureen Maloney**

*Director, Institute for Dispute Resolution  
University of Victoria*

**SPEAKERS:**

**Liz Elliott**

*Co-Director, SFU Centre for Restorative Justice*

**Brenda Morrison**

*SFU Centre for Restorative Justice*

Sustainable healthy communities are safe and caring places where British Columbians live, thrive and raise their families. No community can be any stronger than the strength of its families or core groups.

As Barry Stuart, a retired judge in BC, puts it: "All sustainability stems from the sense of well-being of the people. Economies cannot thrive when there is a high level of perpetual and unresolved conflict in the community. Conflict can be an opportunity to positively address individual and community issues, providing an opening for restorative action." How does restorative action benefit our municipalities and our communities? Who is doing this now? What are the outcomes?

As social risk factors, urban decay, rural under-resourcing, disconnected youth, illegal activities, and the quality of life in our communities are becoming more of a challenge, we need a new approach. How do we begin to fix the holes in the net? If more policing does not lower the crime rate, then what does? This session explores the role of restorative action in transforming conflicts in our communities into positive change.



## WATER & RISK: STAYING ON TOP OF RISING FLOOD THREATS

**MODERATOR:**

**Jim Mattison**

*Assistant Deputy Minister,  
Ministry of Environment*

**SPEAKERS:**

**Allan Chapman**

*Head, River Forecast Centre*

**Monica Mannerstrom**

*Senior Project Engineer,  
Northwest Hydraulics Consultants Ltd.*

**David Sellars**

*Principal, Canada Operations Manager  
Water Management Consultants*

Water is a vital resource as well as a potential threat through flooding. Both natural and human factors can contribute to the severity of flooding and its impacts.

New research and information are enabling us to better understand flood hazards and significant water-related changes within the Fraser River Basin.

New flood computer models can more accurately estimate water levels associated with a lower Fraser River flood. The models show that the predicted height of floodwaters during a re-occurrence of the flood of record is significantly higher in some sections of the lower Fraser River than previously thought. This session will present the preliminary results of the new flood model—and its implications. The session will also present research on the influence of the Mountain Pine Beetle on watershed hydrology, including flooding. The reduction in forest cover in some parts of the Fraser Basin as a result of beetle kill and related forest harvesting reduces the affected land's ability to absorb surface water and delays spring snowmelt, both of which can contribute to increased flood hazard.

# THE FRASER BASIN COUNCIL 2006 SUSTAINABILITY AWARDS GALA DINNER

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**November 16, 2006**  
**Reception 6:00 pm/Dinner 7:00 pm**  
**Fairmont Waterfront Hotel**

The Gala Dinner is the opportunity to honour recipients of the Fraser Basin Council's Sustainability Awards—those champions of sustainability from our own communities. There are five award categories: Understanding Sustainability, Strengthening Communities, Caring for Ecosystems, Improving Decision-Making and Overall Sustainability.

This will be an evening to remember, featuring the extraordinary sights and sounds international drumming—five creative ensembles will have you humming, strumming and definitely upbeat!

Her Honour, Iona Campagnolo, Lieutenant Governor of BC, will preside over the Dinner and Awards presentation. *Please note, this event is held in conjunction with the Conference, and is for ticket holders only.*



PHOTO: Fana Soro, a West African drummer of Masabo Culture Company—one of five ensembles in a dazzling showcase of international drumming.

## Your Copy of Sustainability Snapshot 3 is here!

What progress are we making towards sustainability as we head into 2007?

*Sustainability Snapshot 3* features the latest indicators research—on air quality, business sustainability, climate change, community engagement, fish and fisheries, health, waste, water quality, and more.

**Pick up your copy today!**

*We wish to thank all our sponsors who have helped make this Conference a success.*

