

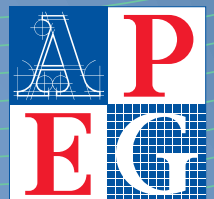
# APEGBC 2009

## Annual Conference & AGM

### Charting the Course Ahead



October 15 - 17, 2009  
Victoria Conference Centre  
Victoria, BC



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JARDINE LLOYD THOMPSON CANADA  
Inc

# Professional Development Sessions

Our comprehensive program includes two days of professional development, combining industry-leading technical and business sessions. Professional development sessions are eligible for Professional Development Hours. For details and full session abstracts, visit the conference website: [www.apeg.bc.ca/ac2009](http://www.apeg.bc.ca/ac2009).

## Technical Tours

Wednesday, October 14, 2009

### Victoria's Docks Green Field Trip

Joe Van Belleghem

### DEGIRS Pacific Marine: Fish, Forests, Engineers & Geoscientists Field Trip

Domenico Iannidinaro PEng RPBio RPF

## Engineering and Geoscience in the Resource Sector

Thursday, October 15, 2009

### Resource Roads in Steep Terrain

Michael Cullen PEng

### Roads Task Force Guidebook

Gino Fournier PEng RPF

### Mineral Exploration Access and Mining Roads

Ian Webster PGeo

### Design Concepts for Mitigating Environmental Impacts from Coastal Log Dumps

Glen Beaton PEng, Lee Deslauriers PEng RPF

### Roads Skill Set

Glynnis Horel PEng

### DEGIRS Annual General Meeting

## Electrical Engineering

Thursday, October 15, 2009

### Real Consequences Follow Imaginary Power: Description of Causes of Infamous Blackouts and Possible Mitigation Strategies

Charlie Henville PEng

### Current Interruption in Atmospheric Air

David Peelo PEng

### Planning and Operating a Large Power System

Paul Choudhury PEng

### Canadian Electrical Safety System: Development and Regulatory Enforcement of Safety Codes and Standards

Ark Tsisserev PEng

## Environmental Engineering and Geoscience

Thursday, October 15, 2009

### Secondary Sewage Treatment in Victoria

Dwayne Kalynchuk PEng

### Brownfield Redevelopment Certification Program

Scott Bailey

### Bamberton Revitalization Project, Mill Bay, BC

Michelle Mahovlich PGeo

### Millstream Meadows Remediation Project, District of Highlands, BC

Mary Anne Fillipone PGeo

### Victoria's Docks Green Remediation

David Kettlewell PGeo

### Mount Washington Mine Remediation to Help Restore Fish Habitat in the Tsolum River

Alvin Tong EIT

### DEP Annual General Meeting

## Management

Thursday, October 15, 2009

### Making the Most of the Economic Downturn: How to Strengthen Your Organization's Cultural Capital and Resiliency

Alex Wray

### Profit Building Leadership Practices

Harriett Lemer

### Getting to the Real Issue: Resolving Conflict in the Workplace

Sue Drinnan

### Mentoring for Success

Jenny Lewis

## Municipal Engineering

Thursday, October 15, 2009

### Lake Washington Floating Bridge Replacement: Dealing with Community Concerns

Larry Kyle PE

### Roundabouts: Where Are We Now?

David Skinner PE

### Host City Olympic Transportation Plan

Dale Bracewell PEng

### Green Roads Rating System

Canisius Chan PEng

## Engineering and Geoscience in the Resource Sector

Friday, October 16, 2009

### Roads and Bridges

Gino Fournier PEng RPF

### Private Land Resource Roads

Gordon Butt PGeo PAg

### Safe Certification

Roger Harris

### Evaluating the Potential Impact of Forestry and Range Use on Water Quality: A Routine Effectiveness Evaluation

Dave Maloney PAg

### Cowichan River Restoration Project

Craig Sutherland PEng

### North Beach Rock Slide: A Case Study

Stephen Bean PEng

### Resource Roads: Geometric Design

Jeremy Araki PEng

## Better Business

Friday, October 16, 2009

### Differentiation: A Sales Tool for Personal and Professional Success

Kevin Heaney

### Keys to Building a Successful Business

Matt Cameron PEng

### Strategic Thinking & Planning

Howard Harowitz

### Introduction to Lean

Bern Roy PEng

## Structural

Friday, October 16, 2009

### Seismic Retrofit Technical Guidelines

Graham Taylor PEng

### The Canada Line Rapid Transit Project: An Example of a P3

Roger Woodhead PEng

### Design and Construction of the Golden Ears Bridge

Rodger Welch PEng

### Six Storey Wood Frame Technical & Practice Bulletin: Background and Explanations

Jim Mutrie PEng

## Sustainability

Friday, October 16, 2009

### Incorporating Climate Change in Sustainability

Stewart Cohen

### Climate Change and Professional Practice

Tim Smith PGeo EnGL

### Calculating and Reducing Greenhouse Gas Emissions

Romilly Cavanaugh PEng

### Projected Sea Level Changes for British Columbia in the 21st Century

Brian Bornhold PGeo PhD

## Young Professional

Friday, October 16, 2009

### Steps to Becoming a Successful Professional

Harlan Kelly PEng

### Excellence in Engineering and Geoscience

Michael Isaacson PEng, Doug VanDine PEng/PGeo

### Liabilities for Young Professionals

Greg Miller LLB PEng

### Speaking as a Leader

Bart Egnal

## Keynote Speakers

### Thursday, October 15, 2009

Breakfast 7:30 – 8:45 am

#### BC Climate Action Plan

James Mack

Luncheon 12:00 – 1:30 pm

#### Follow a Compass, Not a Map

Steve Donahue

### Friday, October 16, 2009

Breakfast 7:30 – 8:45 am

#### BC Wood First Initiative

Hon. Pat Bell

Luncheon 12:00 – 1:30 pm

#### Canada's Economic and Political Future

Andrew Coyne

## 90th Annual General Meeting

### Saturday, October 17, 2009

8:30 am – 12:00 pm

## Partner Program

### Thursday, October 15, 2009

#### Meet & Greet

9:00 – 11:00 am

#### Lunch at Fire & Water

11:30 am – 1:30 pm

#### Fairmont Empress Tour

2:00 – 3:30 pm

#### Empress High Tea

3:30 – 4:30 pm

### Friday, October 16, 2009

#### Cooking Demonstration

10:00 – 11:30 am

#### Lunch at Bon Rouge

12:00 – 2:00 pm

#### Talk of the Town Tour

2:30 – 4:00 pm

### Saturday, October 17, 2009

#### Partners' Buffet Breakfast

7:30 – 9:30 am

#### Jewellery Making Workshop

9:30 – 11:30 am

## Social Program

### Thursday, October 15, 2009

#### Exhibitor Wine & Beer Tasting Reception

4:45 – 6:30 pm

#### A Night At The Museum

7:00 – 11:00 pm

### Friday, October 16, 2009

#### President's Awards Gala

6:30 pm – Midnight

### Saturday, October 17, 2009

#### AGM Breakfast

7:15 – 8:30 am

#### APEGBC Recognition Luncheon

12:00 – 2:30 pm

## Conference Sponsors

### Platinum

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CTQ Consulting

## Exhibitors

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Dudley Thompson Mapping Corporation  
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Nilex  
Park Insurance Agency  
Platinum Properties Group  
Rainwater Management  
Singleton Urquhart LLP  
The Langley Concrete Group  
TRE Canada  
United Lock-Bloc

## Accommodation

The 2009 Annual Conference and AGM will be held at the Victoria Conference Centre in Victoria, BC. Special APEGBC conference delegate rates have been arranged at the Fairmont Empress. To make a reservation, please contact the Fairmont Empress directly and quote the group name: *Association of Professional Engineers & Geoscientists*.

### The Fairmont Empress

721 Government Street  
Victoria, BC  
V8W 1W5  
1-250-384-8111 or 1-866-540-4433  
On-line reservations: [www.apeg.bc.ca/ac09res](http://www.apeg.bc.ca/ac09res)  
or email: [emp.reservations@fairmont.com](mailto:emp.reservations@fairmont.com)  
Web: [www.fairmont.com/empress/](http://www.fairmont.com/empress/)

### Room Rates

Fairmont	\$171
Deluxe	\$191
Harbourview Deluxe	\$204

Please note that these rates are guaranteed only until September 14, 2009.



For detailed conference information or to register online, visit: [www.apeg.bc.ca/ac2009](http://www.apeg.bc.ca/ac2009).

# Registration Form — APEGBC Annual Conference 2009

## Section A: Delegate Details

Last Name \_\_\_\_\_ First Name \_\_\_\_\_ PEng/PGeo/EIT/GIT/Student/Other \_\_\_\_\_  
 Company/Affiliation \_\_\_\_\_ Title \_\_\_\_\_  
 Address \_\_\_\_\_ City \_\_\_\_\_ Province \_\_\_\_\_ Postal Code \_\_\_\_\_  
 Telephone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_  
 Usual Name (for Badge) \_\_\_\_\_ APEGBC Member # \_\_\_\_\_ Partner/Guest Name \_\_\_\_\_

## Section B: Conference Packages

**Cost**— early fee applies until September 14, 2009; full fee after. **Please note:** There will be no refunds after **October 5, 2009**

### DEGIRS Pacific Marine: Fish, Forests, Engineers & Geoscientists Field Trip

**Cost:** early fee \$65 / full fee \$75 x No. of persons \_\_\_\_\_ = Total \$ \_\_\_\_\_

### Victoria's Dockside Green Field Trip

**Cost:** early fee \$25 / full fee \$35 x No. of persons \_\_\_\_\_ = Total \$ \_\_\_\_\_

### Three-day Conference Package Thursday — Saturday, October 15 - 17

**Includes:** Thursday & Friday professional development, Thursday & Friday keynote breakfast/keynote lunch/refreshments, Exhibitor Wine & Beer Reception, Night at the Museum Fun Night, President's Awards, AGM Breakfast, Recognition Luncheon

**Cost:** early fee \$730 / full fee \$780 x No. of persons \_\_\_\_\_ = Total \$ \_\_\_\_\_

### Two-day Conference Package Thursday & Friday, October 15 & 16

**Includes:** Thursday & Friday professional development, keynote breakfast/keynote lunch/refreshments, Exhibitor Wine & Beer Reception

**Cost:** early fee \$500 / full fee \$540 (APEGBC MAPS Member \$100) x No. of persons \_\_\_\_\_ = Total \$ \_\_\_\_\_

### Thursday Professional Development Package

**Includes:** Thursday professional development, keynote breakfast/keynote lunch/refreshments, Exhibitor Wine & Beer Reception

**Cost:** early fee \$280 / full fee \$320 (APEGBC MAPS Member \$50) x No. of persons \_\_\_\_\_ = Total \$ \_\_\_\_\_

### Friday Professional Development Package

**Includes:** Friday professional development, keynote breakfast/keynote lunch/refreshments

**Cost:** early fee \$280 / full fee \$320 (APEGBC MAPS Member \$50) x No. of persons \_\_\_\_\_ = Total \$ \_\_\_\_\_

### AGM Delegate Package

**Includes:** President's Awards, AGM Breakfast, Recognition Luncheon

**Cost:** early fee \$230 / full fee \$250 x No. of persons \_\_\_\_\_ = Total \$ \_\_\_\_\_

### AGM Partner Package

**Includes:** President's Awards, Saturday Partners' Breakfast, Recognition Luncheon

**Cost:** early fee \$230 / full fee \$250 x No. of persons \_\_\_\_\_ = Total \$ \_\_\_\_\_

**B Subtotal \$** \_\_\_\_\_

## Section C: Partner Events

### Thursday, October 15

- Meet & Greet, Complimentary  
 Lunch at Fire & Water \$30  
 Fairmont Empress Tour \$18  
 Empress High Tea \$45

### Friday, October 16

- Cooking Demonstration \$36  
 Lunch at Bon Rouge \$36  
 Talk of the Town Tour \$18

### Saturday, October 17

- Partners' Buffet Breakfast \$35  
 Jewellery Making Workshop \$50

**C Subtotal \$** \_\_\_\_\_

## Section D: Social Events

**Cost**— early fee applies until September 14; full fee after.

		Early	Full	No.	
Thursday, October 15	Keynote Luncheon	\$65	\$75	x _____	= Total _____
	Night at the Museum Fun Night	\$65	\$75	x _____	= Total _____
Friday, October 16	Keynote Luncheon	\$65	\$75	x _____	= Total _____
	President's Awards Gala	\$135	\$145	x _____	= Total _____
Saturday, October 17	AGM Breakfast	\$35	\$35	x _____	= Total _____
	Recognition Luncheon	\$65	\$75	x _____	= Total _____

**D Subtotal \$** \_\_\_\_\_

## Section E: Payment of Conference Fees

**Please note:** a \$20 administration charge will apply to all cancellations received until October 5, 2009, after which no refunds will be issued.

Method of Payment  Cheque  Visa  MasterCard  American Express **B + C + D = Subtotal \$** \_\_\_\_\_  
 Card # \_\_\_\_\_ Expiry Date \_\_\_\_\_ **Add GST 5%** \_\_\_\_\_  
 Name on Card \_\_\_\_\_ **Total = \$** \_\_\_\_\_  
 Signature \_\_\_\_\_

Please make all cheques payable to: The Association of Professional Engineers and Geoscientists of BC (APEGBC)  
 Please enclose payment and forward to: APEGBC, 200 - 4010 Regent St., Burnaby, BC V5C 6N2 Fax: 604-430-8085  
 Online registration and updated conference information available at: [www.apeg.bc.ca/ac2009](http://www.apeg.bc.ca/ac2009)