



# 2005/06 PROGRAM

## NOTICE OF FORTHCOMING EVENT

### April 20, 2006 Dinner Meeting

#### *"2005 June Floods"*

Presented by

**Jennifer Lefevre, P.Eng., MBA and  
John Sealy, P.Eng. of The City of Calgary**

In June 2005, Calgary experienced the largest amount of rainfall during the month of June in its history, its first state of emergency and the mandatory evacuation of 1,500 Calgarians from over 400 properties. A record 248 millimetres of rain – three times June's monthly average – fell on the city in three large rainstorms during June. Storm water overflowed rivers, washed out pedestrian bridges and pathways, flooded roads and neighbourhoods, and damaged an estimated 40,000 Calgary homes. The flows on the Bow River in Calgary, Elbow River at Sarcee Bridge and Fish Creek near Priddis were four, 13 and 60 times more than average for the month of June. Over 2,500 City employees helped manage the response to the heavy rains. Their priorities were to keep people safe and informed, to protect public health and minimize damage wherever possible. This presentation will provide some insight into the sequence of events, The City's actions, restoration efforts and long-term implications of the major flooding event that peaked in the early morning hours of June 19<sup>th</sup>, 2005.

Jennifer Lefevre graduated from the University of Calgary in 1995 with a Bachelor of Science in Civil Engineering and a Master of Business Administration in 2003. During her 8 years with the City she has held various positions and is currently working as a Strategic Services Engineer. Jennifer played a key role in the initial flood response and has been involved in all aspects of the pursuant flood analysis.

John Sealy is currently a Senior Research Engineer with the City of Calgary, Water Resources Business Unit. John has been with the City of Calgary for 29 years, primarily responsible for sewer servicing and river management in the City. He graduated from the University of Saskatchewan in 1972 with a Bachelor of Science in Civil Engineering and has been involved for several years with preparation and updating of the City's Massive Flood Plan.

**When:** Thursday, April 20, 2006  
**Time:** 5:30 pm  
**Where:** Blackfoot Inn Calgary  
**Cost:** CSCE Members – \$20.00  
Non-Members – \$30.00  
Students – \$10.00

**With grateful acknowledgement to our Sponsors.**  
**Please register your attendance with APEGGA Tel**  
**403-262-7714 at least one day prior to the event.**

Visit our local web site at: [www.cscecalgary.ca](http://www.cscecalgary.ca)

CSCE Calgary Section: c/o APEGGA, 2200 Scotia Centre, 700 – 2 Street S.W.,  
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The CSCE is a learned society intended to develop and maintain high standards of civil engineering practice in Canada and to enhance the public image of the civil engineering profession.

### Thursday September 15, 2005

Site Tour – The new Calgary Courts Centre project.

### Wednesday, October 12, 2005

Lunch & Learn at Blackfoot Inn –Master Format 04

### Thursday October 20, 2005

Dinner Talk – "Professional Liability: Engineering Issues and Loss Prevention Techniques".

### Thursday November 17, 2005

Dinner talk – "Restoration of the Historic Lougheed Building", Popsicle Stick Bridge Competition and AGM of CSCE Calgary Section.

### Thursday January 19, 2006

Dinner talk – "Calgary Ring Road Project" - Joint meeting with ITE Southern Alberta Section.

### Saturday/Sunday February 11/12, 2006

Seminar - "Design of Machine Foundations".

### Thursday February 16, 2006

Dinner talk – "Wind Power – Lot of hot air, or reality here to stay?" and Annual Graduate Student Poster Competition.

### Thursday March 16, 2006

Dinner talk – "The Calgary International Airport Expansion 1998 – 2005".

### Thursday April 20, 2006

Dinner talk – "2005 June Floods".

### May 23, 2006

Short Courses program for 2006 CSCE Annual Conference, Hyatt Regency Hotel, Calgary

### May 23 – 26, 2006

The 2006 CSCE Annual Conference, Hyatt Regency Hotel, Calgary

### Tuesday, June 8, 2006

2nd Annual CSCE/ASET Golf Tournament

All dinner meetings are located at the Blackfoot Inn, 5940 Blackfoot Trail SE, (58<sup>th</sup> Ave SE), Calgary

#### Dinner meeting Schedule

Cocktails and registration – 5:30 pm

Dinner – 6:30 pm

Presentation – 7:15 pm

Closing Remarks – 8:30 pm

#### Dinner meeting Rates

Students – \$10.00

CSCE & Second Society Members – \$20.00

Non-Members – \$30.00

Season Pass – \$100.00

#### Calgary Section Executive:

Chair: Jim Gilliland

Vice Chair: Rainer Herzinger

Secretary: Erin Dvorak

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