

2008/2009 PROGRAM

The Canadian Society for Civil Engineering La Société canadienne de génie civil

February 19, 2009 Dinner Meeting

Sponsored by Lehigh Cement,
Partnering with the CEA

"Engineering and a Water-Short Economy"

by Bill Berzins, M.A.Sc., P.Eng.

Abstract:

Water quality and quantity constraints are increasingly affecting the design of infrastructure for municipal, agricultural and industrial water users in the South Saskatchewan River Basin. The SSRB Water Management Plan imposed a restriction on new surface water allocations and enabled a trade in water licensing. The Bow River Basin Council has recently published new Water Quality Objectives that will impose new requirements for improving the quality of return flows to the River. The authors will discuss emerging trends in Alberta's water-short economy including: economics of water transfers, irrigation sector conservation initiatives, low impact development and wastewater reclamation.

About the Speaker:

Mr. Bill Berzins P.Eng. has more than 27 years experience in water, wastewater and environmental infrastructure projects throughout western North America. Currently, as President of Fossil Water Corporation, he is developing water infrastructure projects for municipal and industrial clients in the Bow, North Saskatchewan, Athabasca and Columbia River Basins. Bill volunteers extensively within Alberta's Water For Life Strategy and is currently Chair of the Bow River Basin Council and a member of the Advisory Board for the Alberta Water Research Institute.

The U of C Graduate Student Poster Competition
will take place between 5:30 pm and 6:30 pm.

Come out early and learn about the research currently undertaken at the University of Calgary. *The Poster Competition is sponsored by the U of C's Department of Civil Engineering*

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.

This Dinner Meeting
will be held at the Blackfoot Inn (5940
Blackfoot Trail SE)

Dinner Meeting Schedule:
Student Poster Competition – 5:30 pm
Dinner – 6:30 pm
Presentation – 7:15 pm
Closing Remarks – 8:30 pm

Dinner Meeting Rates:
Students – \$10.00
CSCE Members – \$25.00
Non-Members – \$35.00
Season Pass – \$125.00

Visit our local web site at:
www.cscecalgary.ca

Other Upcoming Events:

Thursday, March 19, 2009

Dinner Talk: 7th Avenue Station
Reurbishments

Thursday, April 16, 2009

Dinner Talk: Project Management in
P3s

CSCE National Lecture Tours

Details TBA

**ASET/CSCE 5th Annual Golf
Tournament**

Thursday June 4, Details TBA

Calgary Section Executive:

Chair: Dan Dankewich

Vice Chair: Erin Dvorak

Secretary: Alana Getty

Treasurer: Andrew Boucher

CSCE Calgary Section: c/o APEGGA
2200 Scotia Centre, 700 – 2 Street S.W.
Calgary, AB T2P 2W1
Tel: (403) 262-7714, Fax: (403) 269-2787

CALGARY



A Member Society
of The Engineering
Institute of Canada

Please register here:

<http://www.schulich.ucalgary.ca/cgi-bin/CSCE/Registration.php>

Our Sponsors:



THURBER ENGINEERING LTD.
GEOTECHNICAL • ENVIRONMENTAL • MATERIALS

ThyssenKrupp



A.D. Williams
Engineering Inc.
Consulting Engineers

**Westhoff
Engineering
Resources, Inc.**
Land & Water Resources Management Consultants



THE CITY OF
CALGARY
TRANSPORTATION INFRASTRUCTURE

Please visit our CSCE Calgary
Section website where we proudly
acknowledge our Golf Tournament
and Corporate Sponsors.



Stantec



ISL
Engineering
and Land Services



CH2MHILL

Responsible Solutions for a Sustainable Future™



UNIVERSITY OF
CALGARY

LEHIGH
HEIDELBERGCEMENT Group