

2009/2010 PROGRAM

April 15, 2010, Dinner Meeting

Sponsored by CH2M Hill and Westhoff Engineering

"Extreme Engineering in Water Resources from the Arctic to South America" *by Wim Veldman, P.Eng*

Abstract:

Whether designing and constructing projects in Alberta or in the Arctic or South America, hydrotechnical data is often limited. Extreme events such as volcanic eruptions or landslides may need to be incorporated into the design of river crossing projects in a virtual vacuum of historic hydrotechnical information. How do you overcome these design challenges while still producing practical and sound designs?

Wim's talk will focus on Lessons Learned and will cover the following areas:

1. Importance of Data
2. Traditional Knowledge
3. What If?
4. Challenge the Conventional
5. Life Cycle Approach
6. Extreme Events
7. Climate Change

About the Speaker:

Wim Veldman, received his B.Sc and M.Sc. degrees from the University of Manitoba. He has more than 40 years of hydrotechnical hands-on experience in the design, construction and operations of major water resources, mining, pipeline and infrastructure projects in Canada and around the world. Long term operational surveillance on major projects from Alaska to Argentina has provided unique insights, continuous education and lessons learned.

Wim has owned and operated his own engineering company for many years. At the present he is, somewhat unsuccessfully, trying to slow down but exciting and unique challenges continue to hinder his semi-retirement strategy. In the seventies when he first arrived in Calgary, he was honored to be the Calgary chairman of CSCE and EIC and looks forward to sharing his experiences.

Schedule

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

Dinner Meeting Schedule:

Registration – 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

Other Upcoming Events:

Wednesday April 14, 2010

National Lecture Tour

Climate Change and Water Management

*by Slobodan Simonovic PhD.,
P.Eng., University of Western
Ontario.*

(At the Calgary Water Centre)

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attendance online at
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at least one day prior to event.**

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