



Vancouver Geotechnical Society

A Local Section of the Canadian Geotechnical Society

www.v-g-s.ca

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NOTICE OF UPCOMING ANNUAL GENERAL MEETING & DINNER PRESENTATION TUESDAY, SEPTEMBER 29, 2009

SUBJECT: **AGM & Election of Executive Members
Presentation of the 2009 VGS Award**

**Technical Presentation: Geotechnical Aspects of Vancouver Convention
Centre Expansion Project**

SPEAKER: **M. (Yogi) Yogendrakumar, Ph.D., P.Eng.
Principal, Golder Associates Ltd, Burnaby, BC**

Dr. M. (Yogi) Yogendrakumar is a Principal of Golder Associates Ltd., Burnaby Office. He earned an M.A.Sc. (1984) and a Ph.D. (1987) at the University of British Columbia and has more than 20 years of experience in a wide variety of geotechnical engineering projects. He served as the geotechnical project manager for many major projects including the City of Vancouver Dedicated Fire Protection System (DFPS), Coal Harbour residential developments and the Vancouver Convention Centre Expansion Project (VCCEP).

CONTENT: The recent expansion and upgrade of the 18 year old Vancouver Convention and Exhibition Centre (VCEC) will allow Vancouver to attract conventions of more than 5,000 delegates. The 106,000 m² expansion to the west of Canada Place included the construction of a new convention centre, a viaduct, a harbor concourse link to the existing convention centre, and a unique six acre ecological “living green roof”.

This technical presentation will describe the history of the site development and its impact on the selection of the foundation system for this project. Results of state-of-the-art dynamic soil-structure analyses, pile load test and soil densification programs completed to support the foundation design will be discussed. The site is one of the most challenging sites to be improved by Vibro-Replacement technique (stone columns) in Vancouver. The results and lessons learned from the construction phase will also be discussed.

Executive Inn, 4201 Lougheed Highway, Burnaby, BC V5C 3Y6 (Phone: 604-298-2010)

Social Hour: 5:30 to 6:30 pm (drinks available at the hotel bar)

AGM & Election of Executive Members: 6:30 to 6:45 pm

Technical Presentation: 6:45 to 7:30 pm

Dinner: 7:45pm (\$10 will be charged for dinner to cover a small portion of the cost.)

RSVP: Dinner reservation to cwilliams@golder.com on or before Friday, September 25, 2009