

**The Vancouver Geotechnical Society  
A Local Section of**

**The Canadian  
Geotechnical Society**



**La Société canadienne  
de géotechnique**

**30<sup>th</sup> Symposium of the Vancouver Geotechnical Society  
Dams, Dikes, and Levees  
Friday, May 17, 2024  
Pinnacle Hotel Vancouver Harbourfront  
1133 West Hastings, Vancouver, B.C.**

The 30<sup>th</sup> Symposium of the Vancouver Geotechnical Society on Geotechnical Engineering in Infrastructure will take place on May 17, 2024. For the most up-to-date information please visit the website at <http://v-g-s.ca/>.

**Program:**

- Keynote Lectures from:
  - Bryant Robbins, US Army Corps of Engineers Risk Management Center – Chief, Western Division
  - Rick Friedel, Klohn Crippen Berger – Senior Geotechnical Engineer, Principal
- Technical sessions that will see the presentation of nine (9) papers (see attached table).
- Geotechnical suppliers trade show exhibition
- Breakfast, lunch, and two coffee breaks provided

**Registration** (<https://vancouver-geotechnical-society.square.site/product/event-registration-30th-symposium/15>):

- Early Bird (before April 12th, 2024): \$225 CAD
- Regular (after April 12th, 2024): \$275 CAD
- Student: \$75 CAD
- Day of: \$325 CAD
- Exhibitor and Sponsor information will be available on the VGS website.

**Room Block:**

The VGS has reserved a room block (offering discounted rates) at the Pinnacle Hotel Harbourfront that are available for Symposium attendees to purchase. Reservations can be made directly by individual attendees online (<https://book.passkey.com/event/50742550/owner/2075/home>), by calling the hotel at 1-844-337-3118, or by reaching out to the symposium co-chairs. Room rates are as follows:

*Cityside Single/Double: \$319/night; Harbourview Single/Double: \$349/night*

Hotel room rates will be offered 3 days prior and 3 days following the event and are subject to the applicable taxes and fees in effect at the time of check-out.

**PLEASE NOTE:** Hotel reservations must be made on or before April 16, 2024, in order to utilize the discounted rates. Reservations made after this date will be based on a space and rate-available basis.

**Contact Information:**

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# 30<sup>th</sup> Vancouver Geotechnical Society Symposium

Friday, May 17, 2024

Pinnacle Hotel Vancouver Harbourfront  
1133 West Hastings Street, Vancouver, B.C.

07:00 - 08:00	<b>Registration / Breakfast</b>
08:00 - 08:05	<b>Opening Remarks</b>
08:05 – 08:30	B. Mylleville – Considerations in the design and construction of dike breach repairs.
08:35 – 09:00	S. Herman – The Use of Geotechnical Instrumentation for Risk Management and Construction Control at the Springbank Off-Stream Reservoir Project.
09:05 – 09:30	R. J. Fannin – On the triggering and manifestation of internal erosion in zoned filter materials.
09:30 – 10:00	<b>Coffee Break</b>
10:00 – 10:25	A. Silvester – Seismic Flood Hazard Assessment of the Sea Island Dike
10:30 - 11:30	<b>Keynote Lecture by B. Robbins</b> – The evolution of Embankment Dam Design and Construction
11:30 – 13:00	<b>Lunch</b>
13:00 - 13:25	W. Roberds – A method for calculating the time-dependent probability of failure of flood-protection dikes due to seismic loading and subsequent overtopping.
13:30 - 14:30	<b>Keynote Lecture by R. Friedel</b> – Utilizing a Performance-Based Approach to Support Safe Tailings Management
14:30 - 14:40	VGS Award
14:40 – 15:05	D. Maxwell – Site investigation and instrumentation monitoring challenges at a tailings dam with artesian groundwater conditions.
15:05 - 15:30	<b>Coffee Break</b>
15:30 – 15:55	A. Swerid – Forensic Engineering and Site Geological Model Refinement to Assess the Root Cause Analysis of Seepage at an Aging Dam.
15:55 - 16:20	M. Afif – Design Aspects of Site C Earthfill Dam
16:25 – 16:50	D. Klassen – Critical State Line Laboratory Testing for Tailings Dams: Planning, Execution, and Interpretation
16:50 – 17:00	<b>Closing Remarks</b>
16:50 – 18:00	<b>Social Hour</b>