

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

**The Canadian
Geotechnical Society**



**La Société canadienne
de géotechnique**

**30th 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 30th 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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Keynote Lectures

Title	Primary Author	Company
<i>The Evolution of Embankment Dam Design and Construction</i>	Bryant Robbins	US Army Corps of Engineers
<i>Utilizing a Performance-Based Approach to Support Safe Tailings Management</i>	Rick Friedel	Klohn Crippen Berger

Technical Sessions

Title	Primary Author	Company
<i>On the triggering and manifestation of internal erosion in zoned filter materials</i>	R. J. Fannin	University of British Columbia
<i>Forensic Engineering and Site Geological Model Refinement to Assess the Root Cause Analysis of Seepage at an Aging Dam</i>	A. Swerid	Stantec
<i>The Use of Geotechnical Instrumentation for Risk Management and Construction Control at the Springbank Off-Stream Reservoir Project</i>	S. Herman	Terra Insights
<i>Seismic Flood Hazard Assessment of the Sea Island Dike</i>	A. Silvester	Thurber Engineering
<i>A method for calculating the time-dependent probability of failure of flood-protection dikes due to seismic loading and subsequent overtopping</i>	W. Roberds	WSP USA Inc.
<i>Design Aspects of Site C Earthfill Dam</i>	M. Afif	Atkins Realis
<i>Critical State Line Laboratory Testing for Tailings Dams: Planning, Execution, and Interpretation</i>	D. Klassen	Klohn Crippen Berger
<i>Site investigation and instrumentation monitoring challenges at a tailings dam with artesian groundwater conditions</i>	D. Maxwell	BGC Engineering
<i>Considerations in the design and construction of dike breach repairs</i>	B. Mylleville	Kontur Geotechnical Consultants