

The Canadian
Geotechnical Society



La Société Canadienne
de Géotechnique

CGS CCLT Lunch Presentation

Geotechnical Lessons Learned

Presented by:

Paul Dittrich, Ph.D., P.Eng., FEIC
WSP Canada Inc.

Presentation Abstract:




As a geotechnical engineer with 30 years of experience, there are a number of things I've learned from working on various projects in Canada (mostly Ontario) and abroad that may be of value to those early in their geotechnical careers. Drawing on experience mainly from transportation projects, this lecture will present an overview of some geotechnical aspects of wick drain design, slope stability and deformation monitoring, rock fill settlement, long-term creep behaviour of clays, and axial and lateral pile behaviour from a collection of case studies.

About the Presenter:

Paul Dittrich, PhD, PEng, FEIC is a Geotechnical Engineer and Senior Technical Director of WSP with 30 years of experience on a wide variety of projects in the transportation, infrastructure, and mining sectors within Canada and internationally. His main areas of expertise include site characterization, foundation design, settlement analysis, stability of slopes, embankments and excavations, specialized geotechnical analysis/modelling, geotechnical instrumentation and monitoring, and ground improvement. Paul is approved as a Designated Principal Contact for MTO's High Complexity foundation engineering services. Paul has been an active member of the Canadian Geotechnical Society (CGS) during his career holding leadership positions at both the local and national levels and has served on the organizing committee of several CGS conferences. He has contributed to the geotechnical profession by being a sessional instructor or adjunct professor at the University of Toronto, Queen's University, McMaster University, Humber College and University of Waterloo, as well as teaching a continuing education course on geotechnical engineering at EPIC. Paul is currently a member of the CSA Group S6 Canadian Highway Bridge Design Code (CHBDC) – Technical Sub-Committee (TSC) working on the updates to the 2025 version of the Code. He is the author or co-author of more than 30 technical publications.

Date: Friday, October 17, 2025
Time: Presentation at 12:00 PM (Please note this presentation is approximately 1.5 hours)
Location: Trans Canada Brewing Co.; 1290 Kenaston Blvd #1, Winnipeg, MB R3P 2H8
RSVP: 12:00 PM, Wednesday, October 15, 2025
Registration Fee (debit, credit, PayPal):

Membership	Price (\$)	Registration and Payment Link ^{1,2}
Attendee	10	

¹This will redirect you to pay via debit, credit, or PayPal.

²Receipts are automatically sent to your email address.

For event information, please visit:

<http://www.cgsmanitoba.ca/lunch-seminars/upcoming/>

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- This event qualifies for 1 Professional Development Hour. The event is classified as 'Informal Activity' under EGM's CPD Program.
- Please note that if you are unable to attend, someone else can be sent in your place. We are accepting walk-ins depending on seating availability.
- If you wish to be added to the mailing list, please send an email to cgs.manitoba@gmail.com