



BRITISH COLUMBIA CHAPTER
Tunnelling Association of Canada
Association Canadienne Des Tunnels



**VANCOUVER
GEOTECHNICAL
SOCIETY**

INVITATION

Managing Landslide Risk in the Rohingya Refugee Camps, Bangladesh

Presenter: Philip LeSueur, M.Sc., P.Geo



Date & Time: Tuesday, January 14, 2020
Doors and Registration: 5:30pm
Presentation: 6:15pm

Location: Uber Room, Steamworks Pub
375 Water Street, Vancouver, BC.

Cost: TAC & VGS Members: \$10 at the Door
Non-Members: \$15 at the Door
Cash Only Please

RSVP: Although RSVP is not required and last minute attendees are welcome, please notify npoves@golder.com if you plan to attend.

Presentation Overview:

This talk will present recent work carried out by BGC to support The United Nations High Commissioner for Refugees (UNHCR) in managing landslide risk in the Rohingya Refugee Camps, Bangladesh. Since the early 90's, Myanmar's ethnic violence has forced Rohingya, a predominately Muslim ethnic group from northern Myanmar, to flee their homelands. Most have settled in the UNHCR administered Rohingya Refugee Camps. The refugee camps are overcrowded with more than 900,000 residents across a 26 km² area, making them currently the largest collection of refugees on earth.

The camps are constructed in rugged, hilly terrain where the steeper slopes are prone to landslides that pose a credible risk to life. This talk will present a preliminary assessment of landslide hazards in the camps, and the development/application of risk management tools to support UNHCR manage these risks. This presentation will focus on the project background, work carried out and potential proposed next steps.

Speaker Bio:

Philip LeSueur, M.Sc., P.Geo. is an engineering geologist with eight years consulting experience in North America focused on geohazards risk management. His experience includes flood, landslide and seismic hazard and risk assessments for communities, transportation, and major industry, at scales ranging from site-specific studies to broad regions. This work has included initial hazard mapping through detailed risk analyses, evaluation of mitigation options, public consultation, policy integration, and risk-informed decision support. Philip has also led the development of geospatial, web-based geohazards data applications supporting development planning and asset management across over 200,000 km² of western Canada. Philip has a master's degree in Risk from Durham University's Institute of Hazard, Risk and Resilience.