

News from the Canadian Geotechnical Society



THE CANADIAN GEOTECHNICAL SOCIETY

LA SOCIÉTÉ CANADIENNE DE GÉOTECHNIQUE

GeoEdmonton 2018

<http://www.geoedmonton2018.ca/>

The Geotechnical Society of Edmonton and the Canadian Geotechnical Society (CGS), in collaboration with the Canadian National Chapter of the International Association of Hydrogeologists (IAH-CNC), invite you to **GeoEdmonton 2018**, the 71st Canadian Geotechnical Conference and the 13th Joint CGS/IAH-CNC Groundwater Conference. The conference will be held at the Shaw Conference Centre in Edmonton, Alberta, Canada from Sunday, September 23 to Wednesday, September 26, 2018.

The theme for **GeoEdmonton 2018** is *Transportation Geotechnique - Moving Forward*. Much of Canada's prosperity is founded on its vast network of railways, pipelines, highways, and waterways. This conference intends to highlight recent achievements in transportation development and their associated geohazards. The technical program will cover a wide range of geotechnical and hydrogeological topics, including specialty sessions that are of local and national relevance. In addition to the technical program and plenary sessions, the conference will include a complement of distinguished keynote speakers, high calibre short courses, social events, and technical tours.

Edmonton was founded on the banks of the North Saskatchewan River and served as a Hudson's Bay Company trading outpost that grew to become Canada's Gateway to the North and Alberta's Capital City, with a population of over 1.3 million people. Edmonton has an open and welcoming atmosphere and is home to one of the most diverse populations in Canada. Also known as the Festival City, Edmonton showcases its local and international talent and diversity through various festivals like its annual Heritage Festival and the second largest Fringe Theatre Festival in the world. Boasting the longest stretch of connected urban parkland in North America, Edmonton is also a wonderful place to get outside and enjoy nature without leaving the city's limits.

The Shaw Conference Centre is not only one of Canada's premier conference venues, but is itself a geotechnical achievement, being constructed on the flank of an active landslide overlooking Edmonton's beautiful river valley in the heart of downtown.

Please browse the website for complete details on the [Technical Themes](#), the [Call for Abstracts](#) and [Key Dates](#). We look forward to hosting you at **GeoEdmonton 2018!**

Geohazards 7

<http://geohazards7.ca/>

The Canadian Geotechnical Society (CGS) held a very successful **Geohazards 7**, (7th Canadian Geohazards Conference) June 3-6, 2018 at the Coast Canmore Hotel & Conference Centre in Canmore, Alberta. The CGS's Geohazards conferences are the premiere forums in Canada for the sharing and dissemination of scientific and engineering knowledge related to geohazard assessment and risk management.

News from the Canadian Geotechnical Society (Con't)

Heavy rainfall in June 2013 resulted in the worst floods in Alberta's history. Landslides, debris floods and debris flows cut off highway and rail access to Banff and Canmore, and many homes constructed on alluvial fans were destroyed. Municipal governments, the Province and the engineering and geoscience community have since carried out aggressive programs to quantify geohazard risk and increase public awareness of hazards and are in the process of constructing mitigation measures to reduce future risk. Canmore was a terrific venue to showcase the results of some of these initiatives, which were featured in the conference program of 5 Keynote, 30 Oral and 21 Poster presentations. A few highlights were the technical field trip on Tuesday and the dinner and social night at Sulphur Mountain in Banff. Delegates took the gondola up the mountain and enjoyed a fabulous dinner with breathtaking scenery. It even snowed after dinner to complete the experience, especially for our international guests!

Engineering Resiliency in a Changing Climate was the theme for **Geohazards 7**. An understanding of the history and current status of geohazard management practice in Canada, along with the adaptation challenges associated with a changing climate, will allow for continued innovation in this field.

CCLT Spring Speaker - Tom O'Rourke

Dr. Thomas O'Rourke of Cornell University started his 10-city Cross Canada Lecture Tour in Montréal on May 14 and finished it in Winnipeg on May 25. The feedback from our members has been very positive.

The CCLT lecture series is generously sponsored by the **Canadian Foundation for Geotechnique** - corporate sponsors of the spring lecture include **Klohn Crippen Berger**, **Thurber Engineering**, **TetraTech Canada**, and **Clifton Associates**.

CGS Names in the News

Dr. Kerry Rowe



www.queensu.ca

At the end of 2017, Canada's Governor General announced the newest members of the Order of Canada www.gg.ca/document.aspx?id=17061. That list included Dr. Kerry Rowe of Queen's University who has been appointed as an Officer of the Order of Canada "for his seminal contributions to the field of geoenvironmental engineering, notably for his pioneering research in waste barrier systems".

Dr. Serge Leroueil



www.lesoleil.com

Dr. Serge Leroueil of Université Laval was recently awarded with a **Senate 150th Anniversary** medal recognizing his over 35-year career as a professor and researcher in the area of soil mechanics and soil behavior analysis, particularly as it pertains to the problems of sensitive clay and its geohazard risk.

News from the Canadian Geotechnical Society (Con't)

CGS 2017 Stermac Award Winners: Alex Baumgard, Andrea Lougheed, and Mustapha Zergoun



Dr. Alex Baumgard receiving the Stermac Award from CGS President Dr. Dharma Wijewickreme at GeoOttawa 2017



Andrea Lougheed receiving the Stermac Award from CGS President Dr. Dharma Wijewickreme at GeoOttawa 2017

Alex Baumgard

CGS-Geotechnical Info Net is pleased to feature the CGS 2017 Awardees. In this issue, **Alex Baumgard**, past-chair of the Soil Mechanics and Foundations Division and recipient of CGS's **2017 Stermac Award**, is featured. Alex's citation from the October 2017 award ceremony reads:

"An active participant in the Canadian Geotechnical Society for many years, Dr. Alex Baumgard's commitment to the organization is marked by his willingness to go the extra mile to support all manner of tasks - many on short notice.

His recent contributions include chairing the Soil Mechanics and Foundation Division of the Canadian Geotechnical Society for more than 4 years. Alex has been directly involved with a number of CGS initiatives, including most recently the selection and review of the papers submitted by CGS members to the 19th International Conference on Soil Mechanics and Geotechnical Engineering held September 2017 in Seoul, Korea.

As a principal engineer in BGC Engineering's Vancouver office, he brings a wealth of experience in the assessment of geohazards, especially related to both onshore and offshore pipelines, as well as traditional geotechnical and geo-environmental areas. Alex is also a member of the Federal Government's Canada Task Force-1 Heavy Search and Rescue team, responding to landslides and other disasters in times of need, including this past summer's landslide near Salmon Arm, BC.

The Canadian Geotechnical Society is pleased to recognize **Dr. Alex Baumgard** with a **2017 A.G. Stermac Service Award**."

News from the Canadian Geotechnical Society (Con't)

Andrea Lougheed and Mustapha Zergoun

CGS-Geotechnical Info Net is pleased to feature the CGS 2017 Awardees. In this issue, **Andrea Lougheed and Mustapha Zergoun**, co-chairs of GeoVancouver 2016 and recipients of CGS's **2017 Stermac Award**, are featured. Their citation from the October 2017 award ceremony reads:

"This year **Andrea Lougheed and Mustapha Zergoun** are being honoured for their dedication and outstanding service to the Canadian Geotechnical Society. Andrea currently serves as the CGS Director for the Vancouver Section and Mustapha served in that role from 2006 to 2008.

Most recently, they co-chaired and acted as the driving force on the local organizing committee for the very successful 2016 Canadian Geotechnical Conference - **GeoVancouver 2016**. The conference's theme "History and Innovation", recognized historical achievements and lessons learned while highlighting innovation in the field of geotechnique.

Attracting over 800 registrants, attendees were treated to west coast hospitality and to one of the great CGS annual conferences, punctuated by the inaugural awards for Best Case History paper and Best Student paper.

Leadership and volunteer activities and duties aside, both Andrea and Mustapha are busy working in Vancouver at BGC and Thurber Engineering, respectively, and can now add the Canadian Geotechnical Society's **2017 A.G. Stermac Award** to their impressive list of accomplishments."

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