



**Canadian Geotechnical Society**  
**Société canadienne de géotechnique**

**Division Report**

2015 Annual Report

**July 1, 2014 to June 30, 2015**

**Section 1: General**

Name of CGS Division: **Engineering Geology**

Date of report: July 14, 2015

Prepared by: Doug Stead

Division Chair: Doug Stead

End of Term of Chair: December 31, 2015

CGS web page address: [http://www.cgs.ca/division\\_engineering\\_geology.php](http://www.cgs.ca/division_engineering_geology.php)

Last time your Division's CGS web page was updated: January 2015 – material submitted for posting

If the Division has a separate website please provide address: N/A

**Section 2: Executive members and their employers or, if students, universities**

Chair: Doug Stead, Simon Fraser University, BC

Past Chair: Davide Elmo, University of British Columbia, BC

Vice Chair: Nicholas Vlachopoulos, Royal Military College, Ontario

Secretary: N/A

Members: Stephen Butt, Memorial University, Newfoundland  
Ariane Locat, Laval University, Quebec  
Karine Champagne, HydroQuebec, Quebec  
Anna Torgunrud, Mollard Assoc, Saskatchewan

**Section 3: Number of members**

Executive members: 7

1<sup>st</sup> Choice members: 120

2<sup>nd</sup> Choice members: 307

Comments (point form)

- 1<sup>st</sup> choice members up by 14 from 2014
- 2<sup>nd</sup> choice members up by 54 from 2014

**Section 4: Division is affiliated with which other organizations**

- National affiliates : - Association of Geohazard Professionals www link added to EGD page - <http://www.geohazardassociation.com/>
- North American affiliates: - AEG
- International affiliates:- IAEG - CGS representatives (Doug Stead, EGD Chair)
- Comments
- The EGD Chair provided a written report to IAEG on Canadian Engineering geology activities in May 2015

## **Section 5. Finances**

As of (June 30, 2015)

Balance: \$8,836.00.

Comments

- Some funding toward publication of an Engineering Geology in Canada Monograph may be considered in 2016

## **Section 6. Annual Conference / Board of Directors Meeting**

Are you planning to attend the GéoQuébec 2015 conference? - YES

Do you have any specific questions or issues that you would like to suggest for the BOD meeting agenda - None

## **Section 7. Activities**

- Dr. Frank Patton was awarded the Thomas Roy Award for 2014 at the CGS annual conference in Regina in September 2014. Dr. Patton has made major contributions to engineering geology, his work spanning the disciplines of rock mechanics and hydrogeology. He is considered internationally as one of Canada's most highly recognized and respected landslide experts. His work on the Vajont slide (with Hendron) remains one of the most important contributions to modern engineering geology. The winner of the 2015 Thomas Roy Award will be announced at the 2015 CGS annual conference in Quebec City, Quebec, September 20-23, 2015
- Increased collaboration with the Rock Mechanics Division included hosting joint sessions at the CGS Annual Conference in Regina with similar sessions planned in Quebec City. The Chair of Engineering Geology Division (Doug Stead) was nominated by CARMA and elected as Vice President (North America) of the International Society of Rock Mechanics at the ISRM Congress in Montreal for the period 2015-19.
- Increased collaboration with the CGS Landslides Committee. The Chair of the EGD was a member of the 2015 Schuster Medal selection committee. The Schuster medal will be presented by Dr. Schuster to the Canadian recipient at the 2015 CGS conference in Quebec City.
- During the EGD Executive meeting at GCS Conference in Regina initial plans were discussed for:
  - a 1-day Engineering Geology in Canada symposium or short course to be held in conjunction with CGS Vancouver in 2016, It is intended that this involve representatives from Canadian Geological Engineering programs and industry leaders in Engineering Geology. Initial discussions undertaken with the Vancouver organising committee to hold this meeting.
  - An Engineering Geology in Canada Monograph; this initiative will be led by the EGD Vice Chair, Nick Vlachopoulos.
- The EGD solicited nominations through CGS Members for the 2014 IAEG Hans Cloos Medal and the Canadian entry for the 2014 IAEG Richards Wolter Medal. Dr. Matthieu Sturzenegger, the Canadian participant in the Richard Wolters Medal competition travelled to Turin, Italy to present his paper.
- The EGD Chair attended the IAEG Board meeting in Turin in September 2014 as the Canadian IAEG representative.
- Dr. Nick Vlachopoulos, EGD Vice Chair became CGS representative on CFES Council
- The EGD web page was updated to include links to further Engineering Geology related societies and to upcoming Engineering Geology events. Links to the IAEG Lecture Series (Prof's Marinos and Crosta) and the 2014 IAEG Conference keynote speaker videos were added to the EGD web page. The EGD Past Chair (Elmo) gave a lecture on Discrete Fracture Networks in Bologna, Italy in June 2015 which will be posted online at the IAEG website.
- The EGD Chair was Co-Chair of the 1<sup>st</sup> International Discrete Fracture Network Engineering Conference (DFNE 2014) <http://www.dfne2014.ca/> which was held in Vancouver October 19-22, 2014. This conference had over 100 papers and five short courses with attendees from 20 countries. Dr. Davide Elmo, Past Chair of EGD, was also a member of the Conference Local Organizing Committee. Selected papers from the conference will form a special issue of the TAIMM (edited by Elmo and Stead). A second DFNE conference will take place in Seattle.
- The EGD Executive was represented by members on the National and Scientific Technical Committee of the ISRM Congress held in May 2015 in Montreal, the International Organizing Committee of Slope Stability 2015 to be held in Cape Town, South Africa in October 2015 and the Eurock 2016 (Turkey) Scientific Committee.

## **Section 8. Additional information or comments - None**