



JAN-JUN 2018

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QUARTER 1 NEWSLETTER 2018 (JAN-APR)

MESSAGE FROM THE CHAIR

The Richmond/Delta Branch of Engineers and Geoscientists BC serves approximately 1,500 members living or working in the area. The branch executive committee includes key stakeholders from the community such as the City of Richmond, the Corporation of Delta, YVR, Kwantlen Polytechnic University (KPU), and Richmond Public Library, all working together to share their wealth of knowledge and experience. The branch's primary goal is to engage its members through dinner presentations, tours, social activities and facilitate communications between members and Council or Committees. The branch also strives to keep members informed about issues/topics which it feels are important to Richmond/Delta. Please check the Richmond/Delta web page www.egbc.ca/rd for events and other information.

If you have an idea for a tour/presentation, or simply would like to join our branch, I would encourage you to attend one of our branch meetings usually held every 2nd Tuesday of the month at KPU, scheduled room will vary. Please contact us if you plan to attend. The branch will continue to strive towards alignment with the association's strategies and play an active role within the community through various programs, namely, mentoring, professional development, knowledge sharing, student outreach, and general networking opportunities. This newsletter is intended to describe our Branch activities during the year and announce planned activities in the coming quarter.

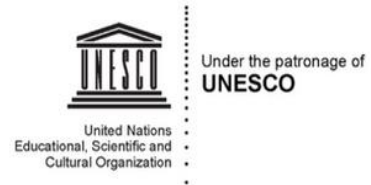
Philip Chow, P.Eng, Chair (2018)



NEWS UPDATES

INTERNATIONAL WOMEN IN ENGINEERING DAY

June 23, 2018 is a great day to celebrate international women in engineering day (INWED). The ordinary concept of this day is to improve the awareness of women in engineering's profile as well as introducing the available opportunity for young women to be involved in this professional industry. Please join the Richmond/Delta Branch along with Engineers and Geoscientists BC in celebrating the achievements of female engineers, and their great contributions to the profession, communities, and society.



#INWED18 Brought to you by the Women's Engineering Society

("INTERNATIONAL WOMEN IN ENGINEERING", June 26, 2018)

If you would like to share your profession and take part in the campaign, please submit a photo or short video (30-45 seconds), stand out and speak about your experience as a profession in order to reach the goal called 30 by 30 (<https://engineerscanada.ca/diversity/women-in-engineering/30-by-30>), raise the percentage of newly licensed women engineers to 30% by the year 2030. For more information, please visit <https://www.egbc.ca/News/Articles/Take-Part-in-Celebrating-International-Women-in-En>

COUNCIL APPROVES \$35 MEMBERSHIP FEE INCREASE

Engineers and Geoscientists BC's Council approves \$35 membership fee increase and will be effective on January 1, 2019. The annual fee for a professional membership will increase from \$399 to \$434. This will be the first fee increase since 2015. The main reasons for rise of membership fee include inflation increase, new employers health payroll tax replace MSP, increase support critical business function risk mitigation and new initiatives.

For more information, please visit our webpage on Responsible Financial Management
<https://www.egbc.ca/About/Governance/Responsible-Financial-Management>

EVENT SUMMARIES

VICE PRESIDENT'S DINNER AND AGM WITH GUEST SPEAKERS

Sandman Hotel Vancouver Airport, Fraser Room, 3233 St. Edward's Drive, Richmond, BC

This is the same hotel with Moxie's Grill.

Thursday, January 25, 2018, 5:30 PM–9:00 PM

Under its governing legislation, Engineers and Geoscientists BC has been given only one duty: “to uphold and protect the public interest with respect to the practice of professional engineering and geoscience.” This singular duty of public protection sets us apart from other organizations, such as voluntary membership associations—but because of our unique combination of regulatory and advocacy functions, the association’s mandate can sometimes be misinterpreted.

Amidst a changing regulatory landscape, both in BC and across the country, the public and government are demonstrating that they expect more from professional regulators. In this environment, it is more important than ever to clarify our role, and to demonstrate our ongoing commitment to serving the people of BC. NEGM

Richmond Public Library

Saturday, March 10, 2018, 10:00 - 3:00 PM



The NEGM 2018 event on March 10, 2018 was a very successful event. The event was located in the Richmond Public Library - Brighthouse branch. In addition to the Popsicle Bridge Competition we had booths from the following teams: UBC Unmanned Aerial Systems, UBC Thunderbot, UBC



Steel Bridge, UBC Biomedical Engineering Student Team (BEST), UBC Mars Colony Team, UBC Solar Car, SFU Faculty of Applied Science, City of Richmond, and City of Delta. The booths engaged hundreds of students and adults, and gave information from the world of engineering, geosciences and city works.

There were more than 60 bridge tested on the infamous bridge buster and most surprising of all we had reached a new all time high record! All bridges are allowed a maximum of 100 Popsicle sticks and white schools glue. Before this event, the highest record was 915 lb in the Grade 10 and under category. And now in NEGM 2018 all the past records are shattered by a new high of 1206 lb in the open category. The next highest was 1204 lb in the open category and the winner of the Grade 10 and under category matched last year's record of 915 lb. An important side note here is the maximum rated load for our bridge buster is 1000 lb. The bridge that could withstand the 1206 lb was truly a marvel in bridge building.

We are extending a big thank you to all the volunteers and the amazing library staff for hosting NEGM at the library. This event heavily relies on the volunteers and it would not be possible without them.





OQM DINNER AND INFORMATION SESSION

Felico's Greek Restaurant, February 28, 2018

Speaker: Kelly Dayman

Engineers and Geoscientists BC's Organizational Quality Management (OQM) Program has been developed to improve the quality management of professional engineering and geoscience practices at the individual and organizational level. This voluntary program offers certification to participating organizations, including sole practitioners.

The OQM program is based on the seven quality management requirements in the Engineers and Geoscientist Act and the Engineers and Geoscientists BC bylaws. All members must meet these seven quality management requirements. OQM Certified organizations must have policies and procedures that support these seven requirements.

There are many benefits to OQM Certification. Depending on the organizations area of practice, its size (sole practitioners included), and the products and/or services it offers, the benefits may significantly differ. One thing that remains consistent is that OQM Certification benefits your business, clients, and ultimately the public.

Mr. Ron McOuat, P. Eng. and Mr. Phillip Chow, P.Eng. coordinated this event.

ENGINEERING SURPRISES SESSION

On April 21, the Branch presented at Minoru Library on "Engineering Surprises". About ten people attended. The presentation showcased 4 unintended engineering disasters: Lake Peigneur Mine Disaster; Walkerton and Flint, MI water system failures; Second Narrows Bridge Collapse; Tacoma Narrows Bridge Collapse.

COMPLEXITY DINNER PRESENTATION

The Richmond/Delta Branch had a dinner presentation on June 26th by Gary Wong, who gave the attendants an informative session covering how complexity is severely influencing our roles as professional engineers and geoscientists. The presentation is very successful with approximately 20 attendants.



ENGINEERS &
GEOSCIENTISTS
BRITISH COLUMBIA





UPCOMING EVENTS

Please note that our events are typically open to the general public. Come see how engineering and geosciences contribute to our communities.

For our upcoming events, visit <https://www.apeg.bc.ca/Events/Branch> and select Richmond/Delta on the drop down menu for the Branches.

PROFESSIONAL DEVELOPMENT SEMINARS

Registration and further information can be found from the following website:

<https://www.egbc.ca/Events/Seminar>. Also be sure to check out upcoming webinars.

BRANCH EXECUTIVE MEMBERS 2018-2019

BRANCH EXECUTIVE MEMBERS 2017-2018

Executive Members

Philip Chow, P.Eng., Chair
 Ron McOuat, P.Eng. Vice-Chair
 Abbas Nikbakht, EIT., Past Chair (2017-2018)
 Edward Cheung, P.Eng., Secretary
 Earl Masarsky, P.Geo., Treasurer
 Nima Moazen, EIT, Communication Coordinator
 Fardin Barekat, EIT, NEGM Coordinators

Branch Councillors & Previous Chairs

Ross Rettie, P.Eng., Councillor
 Richard Farbridge, P.Eng., Councillor
 Fardin Barekat, EIT Past Chair (2016-2017)
 Dr. Hamid Ghanbari, P.Eng. (2015-2016)
 Ron McOuat, P.Eng., Past Chair (2014-2015)
 Phillip Chow, P.Eng., Past Chair (2013-2014)
 Ravi Ramakrishnan, Past Chair P.Eng. (2011-2013)

Representatives

Jessica Leung, EIT, Corporation of Delta
 Michael Poon, EIT, Kwantlen Polytechnic University
 Melanie Au, Richmond Public Library
 Chris Chan, EIT, City of Richmond
 Chris David, EIT City of Richmond
 Newsletter Editors, Hermione Zhou, Shirly Shi, Dora Hui

Members-at-Large

Douglas Yee.P.Eng.