

ACEC – British Columbia Annual Report 2014 ♦ 2015



ASSOCIATION OF CONSULTING
ENGINEERING COMPANIES
BRITISH COLUMBIA

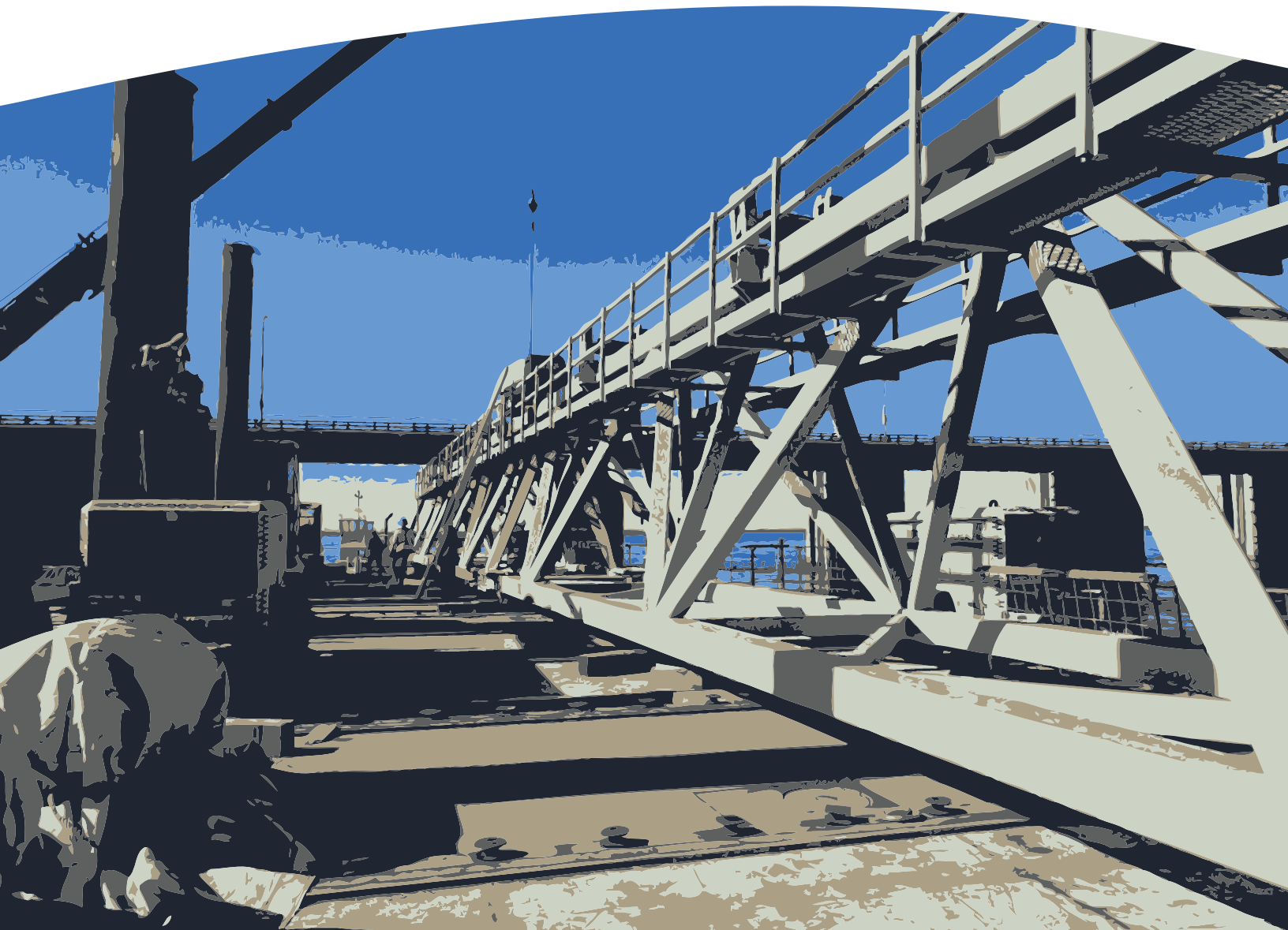


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Association Profile

The Association of Consulting Engineering Companies–British Columbia is the industry association representing the business interests of the province’s consulting engineering firms. Established in 1976, today the association represents some 84 firms employing 9,900 people in British Columbia. The number of member firms has dropped in recent years because of tremendous growth in the industry that has resulted in numerous mergers and acquisitions. The number of individuals served by this organization has increased by about 6% in the past year. The association is a non-profit organization and operates under the Society Act.

Membership benefits range from gaining access to policy makers, to sharing intelligence with other members and to dealing with individual procurement issues as an organization, rather than an individual firm.

Our Vision

ACEC-British Columbia is recognized as the voice of the consulting engineering business in British Columbia, and the member firms are respected for the value of their contributions to society. We are called upon by all sectors of society to provide strategic advice on public policy matters and social welfare. Consulting firms are full participants in the activities of ACEC-British Columbia and provide their services on the basis of quality, value and fairness to all.

Our Mission

The mission of ACEC-British Columbia is to promote the business of British Columbia consulting engineering by enhancing our business and professional stature and to provide value to our clients while maintaining a commitment to public service and private enterprise.

Core Values

- ❖ integrity and ethical conduct
- ❖ public health, safety and welfare
- ❖ environmental stewardship
- ❖ professional respect for all members
- ❖ quality of service
- ❖ adequate compensation for services

Charter of Membership

The Charter of Membership was signed by member firms at the Annual General Meeting on June 9th, 2005. It is included in this year’s report as a reminder of members’ commitment to their professionalism. It includes the following statements:

1. Our company will support ACEC-British Columbia through participation in its activities and adherence to its principles and policies.
2. Our company will relate to other members of ACEC-British Columbia with integrity, and in a manner that will enhance the stature of consulting engineering, and the profession in general.
3. Our company will respect the majority view of ACEC-British Columbia as expressed by its Board of Directors for the greater good of the industry.
4. Our company will not impugn the reputation or business of others.
5. Our company will actively encourage the selection of consultants based on qualifications.
6. Our company will offer its services at a price that reflects the value of the service, taking guidance from the ACEC-British Columbia Fee Guidelines for Engineering Services and the Budget Guidelines for Consulting Engineering Services.
7. Our company will respect the clientele of other members of ACEC-British Columbia and will not attempt to supplant them when definite steps have been taken for their engagement.
8. When partnering for projects, our company will endeavour to select from other qualified ACEC-British Columbia firms, and will follow the principles of qualification based selection and value based fees.

2014-2015 Directors

Chair	Catherine Fritter, P.Eng.	Moffatt & Nichol
Vice-Chair/Treasurer	Ken Wiecke, P.Eng.	Amec Foster Wheeler
Designated Director	Tim Stanley, P.Eng.	MMM Group <i>(to January 2015)</i>
Past Chair/ACEC Director	Cameron Gatey, P.Eng.	Urban Systems Ltd.
Municipal Committee	Adrian Corlett, P.E.	Parsons
Resource & Energy Committee	David Daw, P.Eng.	Hatch Ltd.
Business Practice	Mike Dickens, P.Eng.	Kerr Wood Leidal Associates
Director-at-large	Shane Johnson, P.Eng.	Klohn Crippen Berger
Director-at-large	Jeannine Martin	Buckland & Taylor COWI
Vancouver Island Liaison	Carl Miller, P.Eng.	Levelton Consultants
ACEC Director	Chris Newcomb, P.Eng., FEC	McElhanney Consulting Services Ltd.
Director-at-large	Asifa Samji, MBA	Stantec
Director-at-large	John Sherstobitoff, P.Eng.	Ausenco
Director-at-large	Tim Stanley, P.Eng.	Stratice Consulting <i>(since March 2015)</i>
Director-at-large	Homayoun Vahidi, P.Eng.	IBI Group

2014-2015 Ex Officio Directors

Young Professionals Group	Tijana Smiljanic, P.Eng.	McElhanney Consulting Services Ltd.
Building Engineering Committee	Michael Carlino, P.Eng.	MMM Group
ACEC Director	Steve Fleck, P.Eng., MBA	Stantec

2014-2015 Executive Committee



Catherine Fritter, P.Eng.
Chair



Ken Wiecke, P.Eng.
Vice-Chair/Treasurer



Tim Stanley, P.Eng.
Designated Director



Cameron Gatey, P.Eng.
Past Chair



Keith Sashaw
President & CEO

Chair's Report



The year 2014-2015 has seen a change to a more challenging economic climate, and many of our major engineering projects in the news, portrayed in both positive and negative terms. ACEC-BC is striving to keep a positive balance by speaking out in public in favour of our engineering projects, such as Site C, LNG, mining, and transportation projects, and fair procurement practices. In this way, together, we can keep our businesses thriving.

To further these objectives, we maintained our focus on positive perception, through more involvement with government and visibility in media to business at large, to promote the consulting engineering business. We also held a successful government relations day, at which the executive and Keith Sashaw met with Transportation Minister Todd Stone & Post Secondary Minister Andrew Wilkinson, and were recognized in the house during question period. The day included lunch with several MLA's, our board members, and past presidents, and an evening with Deputy Ministers and Assistant Deputy Ministers and our general members. I would like to encourage all our members to attend next year. In addition, Keith has been actively promoting engineering consulting via several opinion editorials on our major projects or procurement in the Vancouver Sun, Business in Vancouver supplemental, and Journal of Commerce videos.

We continue to provide value to our members through our numerous mixers, continuing professional development sessions, awards, conferences, and our active YP group which passes business knowledge to our young professionals. With the YP champion program, we are encouraging the participation of more young professionals by having firms choose a representative, who can keep their company's YP's informed about events. The diligent efforts of our Committees and Task Forces continue to make progress, as can be seen in the reports herein. Important progress was made when Mike Currie gave a presentation to the board of the findings of the Agreement Task Force, with several recommendations. We all need to continue, as members, to encourage clients to use QBS in their procurement practices. This aligns well with one of the board strategic objectives of developing a CPD seminar on procurement practices - for both our members and clients. Keith Sashaw has also been active in talking with the Local Government Management Association (LGMA) and Union of BC municipalities (UBCM).

The executive met with APEGBC, following the Mt Polley reports, discussing the use of terms such as "Best Practices" and "Best Available Technologies" from the legal perspective, and at time of writing, were awaiting input from APEGBC on the issue of Letters of Assurance. We also met with ASTTBC, although the board has acknowledged that the use of the P.Tech. is an issue for APEGBC since they are the regulatory body, we have signed a new MOU with ASTTBC.

Our Transportation Conference, with a tour of the Evergreen Line, was well attended and I would like to give thanks to the hardworking Transportation Committee, ACEC-BC staff, and our generous sponsors for making it so successful. Attended by over 500 people with 13 awards given out to deserving projects, the Awards Gala was

attended by Her Honour, the Honourable Judith Guichon, Lieutenant Governor of British Columbia. For that evening, I want to give special thanks to Kate Cockerill, our staff, generous sponsors, and all award applicants, along with congratulations to all of our winners.

A new item for this year, ACEC-BC was approached by Dr. Elizabeth Croft who is doing a study on women in engineering, and needs the assistance of engineering firms. Being a matter that is relevant to all and close to my heart, we have requested through our newsletter and board meetings that firms sign up to participate in this study. It involves a minimal time investment to look at how to create a positive climate for women in engineering – indeed for all in engineering. Note that many studies have shown that diversity improves the bottom line, and so, if you have not signed up to participate yet I would like to encourage your firm to sign up now.

Finally, I would like to applaud the numerous volunteers who are on boards & committees, sponsors of our events, all of our ACEC-BC staff – Keith Sashaw, Brian McAskill, Alla Samusevich, Lia Spidlen, and our member firms, all of whom make ACEC-BC the tremendous success that it is. Thanks to you all, and it has been a privilege for me to serve as Chair of the Board, this year. I wish the new Executive Board a very successful 2015-2016.

Respectfully submitted,



Catherine Fritter, P.Eng.
Chairman of the Board of Directors
Association of Consulting Engineering Companies–British Columbia

President's Report



The Board of Directors, the many committees working on behalf of the members of ACEC-BC and the staff continue to develop new and innovative programs and deliver high quality sessions that benefit our members, their employees and the consulting engineering community.

An important achievement was the delivery of the report from the Agreement Task Force that was established by the Board in 2012. Recognizing there are increasing concerns among the members of ACEC-BC about the growing problems associated with agreements and use of onerous clauses, the Task Force, under the capable leadership of a former Chair of ACEC-BC, Mike Currie, spent considerable time identifying issues, determine possible causes and developing a

number of recommendations that ACEC-BC, our members and the industry itself can undertake to address the problem. In October 2014, the Agreement Task Force presented its 12 page report that identified 16 problematic clauses and suggested 8 recommendation that should be taken. ACEC-BC is taking these recommendations seriously, and has broadly distributed the report and encouraged members to take action. In addition to highlighting some of the findings in newsletters, we have also developed a free "Lunch and Learn" session that we are making available to all members. In addition we are reaching out to other organizations to deliver the message to other constituencies.

In addition to addressing concerns regarding agreements and onerous clauses, ACEC-BC continues to increase its effort to encourage owners to adopt Qualification Based Selection. ACEC-BC has had positive conversations with the Government Finance Officials Association of BC and the Local Government Managers Association about presenting sessions on QBS to their members. One tangible example is the session we presented at the GFOA convention in Penticton in May. We are also working on a half-day session that would be co-sponsored by the three organizations in the fall. ACEC-BC has also raised QBS as the preferred form of engaging consulting engineers at the Contractors / Consultants / Owners Conference in Kelowna and is in discussion regarding other presentations. The Provincial Government is also being encouraged to extend the use of QBS beyond the Ministry of Transportation and Infrastructure. Finally on this file, the Board has approved the development of a brief video that can be used to introduce and promote QBS, as part of a broader communication strategy.

A key strategic objective of ACEC-BC has been to raise awareness of ACEC-BC specifically and the consulting engineering community generally with the general public and policy makers. To this end we have issued a number of media releases on a variety of topics, and published opinion pieces in the Vancouver Sun, the Journal of Commerce and Business in Vancouver. Over the last year, ACEC-BC has been mentioned in over 90 stories that have appeared in over 17 news outlets for a total number of 13.5 million media impressions.

We have been active as well getting the message before elected officials and senior policy makers. In addition to attending a few private functions for MLA, ACEC-BC hosted a very successful Government Relations Day in early April, at which over 40 MLA's, including many Cabinet Ministers attended a lunch with the Directors and leaders of ACEC-BC. This was followed in the evening by a reception to which leaders from other associations, municipal elected and appointed officials, Deputy Ministers and other senior public servants and employees of members based on Vancouver Island were invited.

In addition to these functions, ACEC-BC is a keen participant on the Deputy Minister/Industry Infrastructure Forum, which includes senior representatives of the 5 capital Ministries of the Provincial Government and industry representatives. In addition, Cathy Fritter, Chair of ACEC-BC, and I attended the Evening with Deputy Ministers, which provide an excellent opportunity to network with senior policy makers and others.

ACEC-BC has taken a strong position in the recent plebiscite on transit and transportation options, featuring a key note speaker at our very successful Transportation Conference, an interview with Global TV on the need for a YES vote and generally encouraging people to support the YES side.

ACEC-BC recognizes the need to collaborate closely with other organizations and we are proud of the work we have done in this regard. In addition to the relationship we have forged with GFOA and LGMA mentioned earlier, we have worked closely with the Southern Interior Construction Association, the Vancouver Island Construction Association, and the BC Road Builder and Heavy Construction Association. Our Executive Committee has had very cordial and productive meetings with APEGBC and the Architectural Institute of BC. As one example of close collaboration, ACEC-BC is working closely with ASTTBC and APEGBC on a labour market intelligence study which will provide invaluable information on the need for and availability of skilled workers in our industry.

In addition to the above activities, ACEC-BC continues to provide services and benefits to its members. We have improved the format and delivery of our newsletter, providing invaluable information on issues and stores that impact our members in a digital format. We have updated our fee guidelines and will be issuing an updated version of *Budget Guidelines for Consulting Engineering Services*. As well, ACEC-BC published *Aboriginal Engagement - Resources for Consultants*, which provides an overview of existing information to help our members who are working with aboriginal communities.

ACEC-BC has a great reputation for delivering professional and relevant events. The highlight of the year was our 26th Annual Awards for Engineering Excellence Gala, where once again the Lieutenant Governor presented the Lieutenant Governor's Award to the most outstanding project. In addition 12 other projects were also recognized.

In addition to the Gala, ACEC-BC delivered 60 events in the past year, including a very successful Transportation Conference, 18 mixers, 11 professional development seminars, numerous YPG events, three golf tournaments and several breakfast sessions focusing on topics such as mining, oil and gas and LNG, as well as an economic outlook session featuring Jock Finlayson of the BC Business Council.

ACEC-BC is an active and responsive organization, acting in the best interests of the consulting community. Driven by the direction provided by hard-working volunteers, including Directors, Committee members and other volunteers, ACEC-BC continues to move to its next phase of development. This could not be accomplished without the hard work and dedication of ACEC-BC's staff: Brian McAskill, Director of Communications & Policy, Alla Samusevich, Events & Accounting Coordinator and Lia Spidlen, Marketing Coordinator. I would also like to acknowledge the great contribution by Kate Cockerill who works closely with us on the production of the ACEC-BC Awards for Engineering Excellence program.

Respectfully submitted,



Keith Sashaw
President and CEO
Association of Consulting Engineering Companies–British Columbia

Minutes of the 2014 ACEC-BC AGM

held Thursday, June 5th, 2014 (5:00 pm)
at the Coast Plaza Hotel, 1763 Comox Street, Vancouver, BC

1. Call to Order and Notice of Meeting

The meeting was called to order by Cameron Gatey. Keith Sashaw confirmed that a quorum was present.

Special guests were introduced: Tim Jervis, Metro Vancouver; John Leech and Trent Reid, ASTTBC; George Haddow, BC Hydro; Janet Sinclair, APEGBC; Michael Ernst, AIBC; Jeff Thorsteinson, Bay Wealth Management/Investors Group; Jeff McLellan, Lawrence Bicknell and Spencer Denton, BFL Canada Insurance Services; Michael H.G. Lee, Insurance Bureau of Canada; and Kerry Short, Twining, Short & Haakonson.

Past Chairs/Presidents in attendance were recognized: John Collings, P.Eng.; Ian Stewart, P.Eng.; Francois Morton, MBA; Doug Hinton, P.Eng.; Jack Lee, P.Eng., FEC; John Watson, P.Eng., FEC, FGC (Hon.); Neil Cumming, P.Eng., Chris Newcomb, P.Eng., FEC; Mike Currie, P.Eng., FEC; and Steve Fleck, P.Eng.

2. Minutes of Annual General Meeting of June 4th, 2013

Cameron Gatey presented the minutes of the previous Annual General Meeting. Homayoun Vahidi moved *that the minutes of the previous AGM be approved as presented*. The motion was seconded by Erik Cordua-von Specht. Adopted.

3. Annual Report 2012-2013

Keith Sashaw presented the annual report, and highlights of the President's report including:

- ❖ A key strategic objective identified by the board is to increase our relevance to members, and this has been achieved in part by increasing our engagement at all levels in the resource and energy sector.
- ❖ We have tried to broaden membership by enhancing services. This includes expanded member events and professional development events, Leaders' Dinner, Past Chairs' Dinner, MLA Luncheon and Spring Reception, Awards Gala, golf tournaments, and BC Economic Review and Outlook event.
- ❖ Communications have been enhanced with the quarterly Review of the BC Major Projects Inventory, and numerous media releases.
- ❖ Our government relations mandate remains strong – we have maintained existing relationships and establishing new ones.
- ❖ We have participated in conferences with the Government Finance Officers Association and the Local Government Management Association, and collaborated with a number of groups including BC Road Builders, BC Construction Association and trade associations, the Mining Association of BC, APEGBC and ASTTBC.
- ❖ An Agreements Task Force is looking into contract language issues – and the Business Practice Committee is developing a Municipal toolkit, to provide guidance on procuring and engaging engineering services.

4. Treasurer's Report for 2012-2013

Catherine Fritter presented the financial statements for the fiscal year ending March 31, 2014.

Our net position reported in the Statement of Financial Position at March 31, 2014 was \$157,640 compared to \$95,729 at the beginning of the fiscal year.

Revenues and expenses for the 2013/2014 fiscal year are:

Item	Actual	Budget	Variance
Revenue	\$1,017,059	\$968,600	\$48,459
Expenses	\$955,148	\$966,450	\$11,302
Net	\$61,911	\$2,150	\$59,761

The fiscal year ended with a surplus of \$61,911 versus a budget surplus of \$2,150. This was a result of the following factors:

- ❖ N numbers increased by 12%, in combination with a budgeted increase in membership dues.
- ❖ Increased event attendance and sponsorship, particularly for the Awards Gala and golf tournaments.
- ❖ An increased number of member events.

Catherine Fritter asked if there were any questions concerning the financial statements. As no questions were raised, Catherine asked for a motion *that the 2013-2014 Financial Statements be approved as presented*. So moved by Barry Singer. The motion was seconded by Robin Johnston. The motion was adopted.

This is the third year that ACEC-BC's financial statistics have been independently audited by Wolrige Mahon LLP.

Catherine Fritter asked for a motion *that ACEC-British Columbia should appoint Wolrige Mahon LLP, Chartered Accountants as the auditor for the association for the 2014/2015 fiscal year*. So moved by Darryl Matson. The motion was seconded by David Daw. The motion was adopted.

5. Nominating Committee Report

Steve Fleck presented the report of the ACEC-BC Nominating Committee.

Three vacancies are opening on the board as the terms of Martin Jobke, P.Eng.; James Kay, P.Eng.; and Ken Wiecke, P.Eng. come to an end. Ken Wiecke has agreed to stand for re-election to a second term.

Nominated as ACEC-BC Directors for four year terms are:

- ❖ Ken Wiecke, P.Eng., AMEC (Vancouver)
- ❖ George Mitchell, P.Eng., Tetra Tech OGD (Richmond)
- ❖ John Sherstobitoff, P.Eng., Ausenco (Vancouver)

6. Election of Board of Directors

Steve Fleck noted that, as the number of nominees is equal to the number of available vacancies on the board, in accordance with the by-laws the nominees are declared to be elected.

Vancouver Island Liaison



Annual Report submitted by
Carl Miller, P.Eng.
Chair, Vancouver Island Liaison Committee

My role is to chair the Vancouver Island Liaison Committee and to participate in the ACEC-BC Board Meetings and initiatives. The Committee meets to review business issues pertinent to member companies on the Island and to provide a communication corridor from Island members to the ACEC-BC Board.

An important aspect of the Committee's work relates to the planning and organization of social events on Vancouver Island.

On September 26, 2014 we held the fourth annual ACEC-BC Vancouver Island Golf Tournament at the Westin Bear Mountain Resort. The tournament attracted 40 members who were able to enjoy the facilities and the networking opportunity.

On February 18, 2015 we held the tenth annual ACEC-BC Vancouver Island Mixer in Nanaimo at the Coast Bastion Inn. Speakers at the event included Sasha Angus, CEO, Nanaimo Economic Development Corporation; Sean De Pol, Liquid Waste Manager, Regional District of Nanaimo; Bill Corsan, Manager, Real Estate, Community Development Department, City of Nanaimo; and Greg Baynton, CEO, Vancouver Island Construction Association. The event was attended by about 50 members from across the Island and the lower mainland.

In April 2015, the Liaison Committee provided support to the ACEC-BC government relations mandate and the success of the MLA luncheon and Spring Reception at the Hotel Grand Pacific in Victoria.

Looking forward, we have scheduled the fifth annual Vancouver Island Golf Tournament in September 2015 at the Westin Bear Mountain Resort. The eleventh annual ACEC-BC Vancouver Island Mixer is to be held in Victoria in February 2016. I look forward to another great year serving the Island membership.

Committee Members

Carl Miller, P.Eng. (Chair)
Steve Bean, P.Eng.
Greg Ovstaas, P.Eng.

Peter Ferguson, P.Eng.
Eric Pettit, P.Eng.
Caroline Silins, EIT (YPG)

7. Outgoing Chair's Remarks

Cameron Gatey commented that the foundation of our success over the past year began 18 months ago with the decision to hire Keith Sashaw as the new President and CEO. Keith has been an excellent spokesperson for the association and has helped the board focus on the important issues at hand. Cameron thanked the many volunteers who have put in their time and energy serving on the board, committees, and with the national association.

Cameron thanked Steve Fleck for his many contributions, noting that Steve will be staying on as an ACEC-Canada director. Cameron presented a gift to Steve Fleck.

Cameron thanked outgoing directors Mark Byram, P.Eng. (YPG Chair, ex officio director); Martin Jobke, P.Eng.; and James Kay, P.Eng. (not present), for their contributions. A gift was presented to the outgoing directors.

Cameron introduced and passed the gavel to incoming Chair Catherine Fritter, P.Eng. of Moffatt & Nichol.

8. Incoming Chair's Remarks

Catherine Fritter noted that it has been an exciting and inspiring year, with much activity among the board and committees. Advances have been made in achieving some of our strategic objectives, and it is time to review the strategic plan.

Catherine thanked Keith Sashaw for his contributions over the past year.

ACEC-BC will continue to focus on strategic objectives, and will do more to promote the consulting engineering industry. Catherine also noted, as the first woman to chair the association she will promote issues related to women in engineering and geoscience.

Catherine thanked the members for the opportunity to represent the consulting engineering industry.

Catherine thanked Cameron Gatey for his leadership over the past year, and presented him with a gift.

9. Other Business

Acceptance of Acts and Proceedings of the members of the ACEC-British Columbia Board of Directors

Catherine Fritter asked for a motion *that all acts and proceedings of the directors of ACEC-British Columbia as exhibited by the minutes of the meetings of that body, held since the last meeting of the members of the association and all acts and proceedings taken, all payments made by or to the officers, agents or employees of ACEC-British Columbia under authority of or pursuant to any by-law, resolution, motion, instruction or direction contained in the by-law and minutes of the board of directors held subsequent to the last annual meeting of the members of the association, be, and the same are hereby ratified, approved and confirmed.*

So moved by Jeannine Martin. The motion was seconded by Doug Hinton. The motion was adopted.

10. Adjournment

Carl Miller moved *that the 2014 ACEC-British Columbia Annual General Meeting be adjourned.* Seconded by Francois Morton. The meeting was adjourned.

Thompson-Okanagan Liaison



Annual Report submitted by
James Kay, P.Eng., Chair
Thompson-Okanagan Liaison Committee

ACEC-BC's Thompson-Okanagan Liaison Committee has had a very productive 2014-2015. We were able to build upon the work of previous years and strengthen and develop our committee throughout the Region. At our various events we saw representation from the majority of our

26 member firms with over 60 different participants attending.

We set out in July 2010 with a revised Terms of Reference, and the stated purpose: "To promote the ACEC-BC Vision and advance the Mission through Awareness/Participation throughout the Thompson/Okanagan." Our goals and objectives for the year were to engage a wider cross-section of the local ACEC-BC membership, communicate and increase the value of membership to firms in the Thompson-Okanagan, to approach the local municipalities to initiate discussion on topics of mutual interest, as well as to support the ACEC-BC Young Professionals' Group – Okanagan Chapter.

A huge thank you to Natasha Orlitzky of WSP for her exemplary leadership and hard work as Chair of our Young Professionals Group. Our Okanagan YPG has grown and engaged more young professionals through an exciting series of Breakfast Seminars. Our Liaison Committee hosted several successful events, including ACEC Okanagan Day in Kelowna in September, consisting of a meet-and-greet between member firms, as well as our annual golf tournament. We had 40 members attending, with very positive feedback. In April we hosted an exceptional mixer with clients from across the Okanagan and consultants from far and wide.

We are very excited to be hosting ACEC-BC Okanagan Day in Kelowna again this year, with the Golf Tournament in September. We hope you will be able to come out and join us, and as always, we welcome your input, suggestions, and participation in the Thompson-Okanagan Liaison Committee.

Committee Members

James Kay, P.Eng. (Chair)
Mike Baker, P.Eng.
Dave Cullen, P.Eng.
Craig Dusel, P.Eng.
Alan Emery, P.Eng.
Dave Gibson, P.Eng.

Charlie Higgins, P.Eng.
Brad Lively, P.Eng.
Jonathon Lowe, P.Eng.
Ken Oliver, P.Eng.
Natasha Orlitzky, P.Eng. (YPG)
John van Andel, P.Eng.

Building Engineering Committee



Annual Report submitted by
Michael Carlino, P.Eng., FEC
Chair, Building Engineering Committee

The ACEC-BC Building Engineering Committee represents member firms involved in building projects in both public and private sectors. The committee has strong links to the architectural profession in British Columbia.

ACEC-BC members are active on committees with the Architectural Institute of British Columbia (AIBC) and BC Government ministries and other industry-related agencies.

The following disciplines are represented on the Committee:

- ❖ Structural Engineering
- ❖ Mechanical Engineering
- ❖ Electrical Engineering
- ❖ Building Science
- ❖ Code
- ❖ Geotechnical Engineering

The objectives of the Building Engineering Committee are to:

- ❖ Promote ACEC-BC core values.
- ❖ Promote ACEC-BC member firms' business interests to both Public and Private sector clients.
- ❖ Provide a forum for dialogue between the various client and architectural groups active in the field of Building Design.
- ❖ To monitor government and other groups' initiatives that impact on the Building Engineering Practice.

The Committee's work during this past year included:

- ❖ Participation on the Public Construction Council.
- ❖ Monitoring and providing input on common AIBC/ACEC-BC issues (BIM, Fees, D/B and P3 projects, etc).
- ❖ Monitoring and providing input on APEGBC related issues such as the OQM Documents and the proposed P.Tech. designation.
- ❖ Monitoring and providing input on the Carbon Neutral and Net Zero Building.
- ❖ Organized the reactivation of the Health Care Liaison Committee.
- ❖ Reviewed the benefits of using the electronic seal.
- ❖ Reviewed the professional liability insurance put on our industry due to owner contracts.
- ❖ Reviewed the need to initiate an Occupational Health and Safety Course for engineers.
- ❖ Organized Health Care and Education mixers.

The Building Engineering Committee will continue to work with architects and other groups to promote ACEC-BC members and

the work of our engineering firms. Initiatives on the committee's agenda for the upcoming year include:

1. Continuing to monitor, and provide input on, implementation of the "Wood First Act", Bill 9-2009.
2. Working with AIBC to strengthen ACEC-BC's representation with the Ministry of Health and the Ministry of Education.
3. Continuing to monitor, and provide input on APEGBC's initiatives that impact on Consulting Engineering practice.

I would like to take this opportunity to thank all committee members who have provided the commitment, time and expertise to assist us. I look forward to another year of continuing success.

Committee Members

Michael Carlino, P.Eng., FEC (Chair)

Guillaume Vadeboncoeur, P.Eng. (Vice-Chair/Secretary)

Fadi Ghorayeb, P.Eng., Struct.Eng., MIStruct.E., FEC (Past Chair)

Karim Karimzadegan, P.Eng.

Peter Senez, P.Eng.

Mark Layton, P.Eng.

Andrew Tashiro, P.Eng.

Graham Lovely, P.Eng.

Graeme Terris

Clint Low, P.Eng., Struct.Eng., FEC

Met Ulker, P.Eng., FEC

- ❖ Review and production of draft *Municipal Toolkit – Guidelines for Selecting Your Professional Services Team*.
- ❖ Presentation by member firms of showcase projects at the MMCD/MED AGM in Richmond.

Planned work for next year:

- ❖ Meet with selected municipalities to present our recommendations for procurement and contract language.
- ❖ Increase liaison with the YPG committee. Arrange for a municipal mixer followed by a YPG mixer to increase attendance of young consulting and municipal staff at our events.
- ❖ Completion of the *Municipal Guidelines for Selecting Your Professional Services Team*.
- ❖ Address specific procurement and contract language issues as they arise.
- ❖ Host the following Mixers:
 - Richmond/Delta
 - Burnaby/New West
 - North Shore
 - Tri-Cities
 - Fraser Valley (Mission, Abbotsford, Maple Ridge, Chilliwack)
 - Okanagan
 - City of Langley, Township of Langley, White Rock
 - Surrey

Municipal Engineering Committee



Annual Report submitted by
Gurjit Sangha, P.Eng.
Chair, Municipal Engineering Committee

The Municipal Engineering Committee represents member firms that provide engineering services to municipal and regional clients. The objectives of the Committee are to:

- ❖ Develop and maintain business relationships with municipal and regional clients.
- ❖ Promote QBS and standardized contract language.
- ❖ Represent members on specific procurement, contract language and other issues.
- ❖ Provide forums for client organizations to inform member firms of their expected needs for consulting services and for ACEC-BC to educate client organizations on the services and capabilities of member firms.

Highlights of the Municipal Engineering Committee's work included:

- ❖ Hosting the following Mixers:
 - Richmond/Delta
 - Burnaby/New Westminster
 - North Shore
 - Tri-Cities
 - Fraser Valley (Mission, Maple Ridge, Chilliwack)
 - Okanagan
 - City of Langley, Township of Langley and White Rock
 - City of Surrey
 - Metro Vancouver
- ❖ Revising the format of Municipal Mixers to encourage greater attendance by municipalities and member firms.

Metro Vancouver Liaison Subcommittee

The Metro Vancouver Subcommittee, chaired by Roger Warren, achieved the following this year:

- ❖ The committee now meets with two groups of Metro Vancouver senior representatives, the General Managers, and the Senior Managers. The committee has restructured these meetings as requested by Metro Vancouver as part of the now completed internal reorganization by Metro Vancouver. The committee met twice with both groups in the past 12 months as well 6 internal meetings.
- ❖ The Contract Clause review by Metro Vancouver is ongoing. Metro Vancouver purchasing department has re-done their equipment supply contract documents, and is now on to the consultant RFP contract. Three clause under consideration for change are:
 - Indemnification and Professional Liability
 - Intellectual Property and Ownership of Work Product
 - Extra Work
- ❖ Committee and the Metro Vancouver groups are formatting new goals and items of interest to work together on.
- ❖ The possibility of issuing a new ACEC-BC / Metro Vancouver survey is under review.
- ❖ Hosted the Metro Vancouver Mixer in May, with 107 people in attendance.

Committee Members

Gurjit Sangha, P.Eng. (Chair)

Richard Ahrend, P.Eng. (Vice-Chair)

David Moschini, P.Eng. (Vice-Chair)

Roger Warren, P.Eng. (Chair, Metro Vancouver Liaison Subcommittee)

Adrian Corlett, P.E.

Henry Ho, P.Eng.

David Ellis, P.Eng. (YPG)

Colin Kristiansen, P.Eng.

Cameron Gatey, P.Eng.

Marc Winer, P.Eng.

MMCD Report



Annual Report submitted by
Martin Jobke, P.Eng.
MMCD Director

ACEC-BC continues to play an active role on the MMCD Board of Directors. The MMCD technical specifications are widely accepted and used throughout BC. Like ACEC-BC there are a number of committees within MMCD. The committees are tasked with updating and maintaining

the specifications, facilitating training and marketing. There is an Agreement Task Force (ATF) to look at more regular updates of the MMCD agreement between the client and consultant. This document has existed for many years, yet has not seen a similar level of acceptance to that of the MMCD technical specifications. Work is ongoing to encourage its use initially with smaller municipalities, where there are limited resources and desire to develop their own contracts.

Training and ongoing document sales continue to be the largest revenue sources for MMCD.

MMCD is actively pursuing the implementation of various templates to render the development of unique templates for local governments unnecessary. This could represent significant cost and time savings to local government as well as benefits to the consulting industry that serves these clients.

Templates for Civil 3D CADD, and for Asset Management Data Repositories have been issued, and have seen a number of updates. It is anticipated that future MMCD standards could include:

1. MMCD Contract Drawing Preparation Standard;
2. MMCD Post Construction Submission Standards; and
3. MMCD Asset Data Exchange Standard.

Recently there has been increased interest within the Construction Industry to work with MMCD in an attempt to reduce the number of special provisions being issued by the owners and their consultants, which effectively diminishes the benefit of a standard document.

ACEC-British Columbia Representatives on the MMCD Board of Directors

Martin Jobke, P.Eng.
Joel McAllister, P.Eng.

Transportation Committee



Annual Report submitted by
Martin Jobke, P.Eng.,
Chair, Transportation Committee

The ACEC-BC Transportation Committee continues to provide strong representation through a number of Committees and Subcommittees to the transportation industry including:

- ❖ BCMoTI Liaison Committee-at-large
- ❖ TransLink Liaison
- ❖ Climate Change Policy Subcommittee
- ❖ Quality Assurance Subcommittee

Transportation Infrastructure spending has and will continue to play an important role to member firms and the overall BC economy going forward. The Transportation Committee is focused on enhancing the relationship between Industry and the various organizations within BC, tasked with planning, delivering and managing this infrastructure.

This past year we have once again seen a high level of engagement through the annual Transportation Conference, mixers and ongoing dialogue between numerous private and public organizations. Progress in several areas has been made:

- ❖ BCMoTI enhancements to e-RISP are ongoing;
- ❖ BCMoTI Climate Change Adaptation;
- ❖ BCMoTI Consultant Performance Evaluations and project closure feedback has been implemented;
- ❖ BCMoTI moving forward with the implementation of Civil 3D. Customization is ongoing with a roll-out and training expected later in 2016;
- ❖ BC Road Builders – Consistency in Contract Documents/ Specifications, specifically as related to non-BCMoTI projects;
- ❖ TransLink moving to a common procurement process and contract language across the organization;
- ❖ Translink/ACEC-BC advocacy for a YES vote.

The lifespan of transportation infrastructure is inherently long, and service requirements may extend for decades, while rights-of-way and specific facilities may continue to be used for transportation purposes for much longer. A draft Technical Circular has been produced by BCMoTI on Climate Change Adaptation. This document is being circulated for comment with the expectation that it can be implemented in 2015.

BCMoTI Liaison Steering Committee

Bernie Teufele, P.Eng. (Chair) Don McLean, C.Tech.
Pat Cruickshank, P.Eng. (Secretary) Maurizio Ponzini, P.Eng.
Zane Sloan, P.Eng. (Past Chair) Trevor Towers, P.Eng.

TransLink Liaison Steering Committee

Martin Jobke, P.Eng. (Chair) Darrel Gagnon, P.Eng.
Bernard Abelson, P.Eng. Ron Lee, P.Eng.
Christian Babuin, P.Eng.

Resource and Energy Committee



Annual Report submitted by
David Daw, P.Eng.
Chair, Resource and Energy Committee

Committee Objectives

- ❖ Build a strong relationship based on learning and information exchange.
- ❖ Proactively keep each other informed of interests and issues.
- ❖ Promote the interests of ACEC-British Columbia member firms to Resource and Energy firms and government that use or can influence the use of our services.
- ❖ Focus the committee effort on BC Hydro and the Provincial Government; committee will become involved with private firms only if the need arises from our member firms.
- ❖ Engage the Provincial Government in a proactive discussion to better utilize consulting engineers on projects.

Committee Focus

BC Hydro is the major focus of the committee. The underlying principle when ACEC-BC is dealing with BC Hydro is to maximize the benefit to ACEC-BC Member firms when working/bidding with BC Hydro. This would include, maximizing work contracted, making a fair and non-onerous bidding process, having terms and conditions that are fair (good) for consultants, having a steady stream of services required, providing long range forecasts of service requirements, and maximizing potential profits and revenue of ACEC-British Columbia member firms.

Last year, the committee expanded its focus to reach out further into the resource and energy sector in the province, with specific interest in the potential LNG industry, pipeline developments and the mining sector, and these efforts are continuing.

Contact with the provincial government is of continued interest, with outreach to key ministries and officials to not only keep connected, but to show our ongoing support for the growth of the resource and energy sector.

LNG and Pipelines

With abundant energy resources, British Columbia can play a key role in meeting the rapidly growing global energy demand. Diversifying markets for B.C.'s natural gas resources, and developing the infrastructure needed to access those markets, is critical to ensuring the prosperity and security B.C.'s natural gas export opportunity represents. To promote the involvement of ACEC-BC member firms in the growing LNG and pipelines industry for oil and gas, we have initiated outreach to major developers and industry leaders.

Mixers were held for Kinder Morgan Trans-Mountain project on December 2, 2014 and Woodfibre LNG on December 10, 2014. Also, a representative from Canadian Association of Petroleum Producers

spoke on December 4, 2014, about the state of this industry in Western Canada. The great interest of ACEC-BC member firms in these oil and gas projects in the province was well demonstrated by the keen interest and attendance at these events.

BC Hydro Steering Committee

Committee Objectives

Improving business results and advancing the engineering profession through sharing and learning from each other.

- ❖ Build a strong relationship based on learning and information exchange.
- ❖ Broaden the discussion between ACEC/BC Hydro to encompass all areas of BC Hydro engineering business – generation, distribution, transmission, sustainability/environmental, Power Smart, and issues that improve the overall engineering profession.
- ❖ Proactively keep each other informed of interests and issues.
- ❖ Surface relationship issues to be resolved, if possible, with support from the steering committee.
- ❖ Maintain and enhance interactions with BC Hydro, strive for improved efficiency of member services.
- ❖ Encourage ACEC/BC Hydro participation and exchange at all employee levels.

Blanket Agreements and other major opportunities were discussed, including for Transmission/Distribution, Generation and Dam Safety projects, and the Site C hydro project development. ACEC-BC continued to engage BC Hydro committee members in a discussion to improve the efficiency and clarity of the bidding process.

A Supplier Working Group was set up by BC Hydro to engage ACEC-BC on specific topics, including consulting contract terms and conditions, safety and quality.

A BC Hydro Mixer was held on March 24th 2015 at the Hilton Metrotown Hotel. The Mixer was very well attended by BC Hydro and ACEC-BC members. BC Hydro had presentations on their recent reorganization and realignment for Project Delivery, along with updates on projects and opportunities in Transmission & Distribution, Generation, and Site C. In addition, an overview was provided on quality management activities.

Procurement Subcommittee

Chaired by Terry Wong, this subcommittee has had ongoing discussions with BC Hydro on procurement practices, including definition of disbursements, personnel categories, use of consent forms, contract terms, and aboriginal involvement. BC Hydro provided input on their revised leadership and structure in their procurement group.

Mining Subcommittee

Chaired by Lara Reggin, this subcommittee (new in 2014) has had ongoing discussions with mining industry groups, including AMEBC, CIM, and MABC, to identify issues of concern, and provide input on best practices, mining standards, fair procurement practices for consulting, legislative issues, etc. This includes a breakfast meeting held with MABC. Other breakfast meetings and mixers are proposed for the coming year.

Committee Members

David Daw, P.Eng. (Chair)
Terry Wong, P.Eng. (Chair, BC Hydro Procurement Subcommittee)
Lara Reggin, P.Eng (Chair, Mining Focus Subcommittee)
Bruno Bagneres, P.Eng. Ron Monk, P.Eng.
Richard Bush, P.Eng. Zahra Pirani, P.Eng. (YPG)
Doug Grimes, P.Geo. Nadine Ross, P.Eng.
Steve Hobbs, P.Eng. August Sheldon, P.Eng.
Maureen Kelly, P.Eng. Pat Stancombe, P.Eng.
Peter Leekha, P.Eng. Conrad Tench, P.Eng.
Greg McNeill, P.Eng. Paul Wilson, P.Eng.

BC Hydro Members of the BCH Steering Committee:

Kirsten Peck, P.Eng., Director, Generation Engineering
Laura Erven, P.Eng., Transmission Engineering
Ken Talbot, P.Eng., Portfolio Project Director, Generation Projects,
Capital Infrastructure Project Delivery
Marcel Reghelini, P.Eng. (Portfolio Project Director, Transmission
Projects, Capital Infrastructure Project Delivery)
Deanna Spring, P.Eng. (Engineering Division Manager, Quality
Management)

Young Professionals Group



Annual Report submitted by
Tijana Smiljanic, P.Eng.
Chair, YPG Provincial Steering Committee

Mission Statement

"To promote and empower the development of Young Professionals' careers in the Consulting Engineering Business"

Building on the foundation established by previous committees, the Young Professionals' Group (YPG) enjoyed another very successful year of effectively implementing its mission. This year the group aimed to increase participation across all ACEC-BC member firms at the YPG events, to provide networking opportunities for young professionals (YPs) in client groups, and to engage in more charity work. The provincial and regional (Lower Mainland, Vancouver Island, Okanagan, and Thompson-Nicola) committees featured many new faces who brought increased energy and fresh ideas; coupled with experienced returning members, the group had the right formula to achieve these objectives.

With the goal of reaching out to YPs at all locally represented member firms, the Lower Mainland group focused on finding a "company champion" at each member firm who would liaise with the committee and keep their member firm informed about YPG events and initiatives. At the start of the year, the group developed a document that outlined the initial and long term responsibilities of a company champion, which was used in the recruitment process. This year, with a collective effort, the Lower Mainland group was able to increase the company champion list to 29 members, while also obtaining information about member firm's internal policy on ACEC-BC from 20 companies. Building on the Lower Mainland

group's success with this initiative, other regional groups will be looking to develop similar company champion lists for their local member firms.

This year again, YPG partnered up with young professionals/U40 groups of the Vancouver Regional Construction Association (VRCA) and the Vancouver Island Construction Association (VICA). The YPG attended VRCA's annual *Ugly Christmas Sweater Party* in Vancouver and the joint "Ping Pong Championship" event was organized with VICA's U40 group in Victoria. Even more opportunities for networking with YPs from client groups were provided in the Lower Mainland region by organizing two additional joint events: *Urban Golf* with the Chartered Professional Accountants of BC – Young Professionals Forum and *Whisky Tasting and Pub Social* with the Canadian Bar Association – Young Lawyers Group. In Kelowna, the Okanagan Committee hosted a collaborative social event with the Okanagan YP Collective and Investors Group. Attendees learned how to make the most of their earnings with this *Tax Me If You Can* event. The Okanagan group is also working hard to organize a boat cruise event in late June, in collaboration with the Young Lawyers, the Young Accountants, and the technology sector of Kelowna.

To achieve the goal of engaging in more charity work, YPG developed a fundraising initiative proposal and presented it to the ACEC-BC Board. The Board's approval of the proposal allowed the YPG to raise money for *Geering Up – UBC Engineering & Science for Kids* (Geering Up) and Science World's *Scientists and Innovators in the Schools* (SIS) programs. Fundraising activities included an obstacle challenge and a 50/50 draw at the annual ACEC-BC Lower Mainland golf tournament. Before the end of the year, the YPG is looking to partner with Investors Group to organize a social event; proceeds from the event will be donated to Geering Up and SIS. In addition, the YPG is hoping to organize a prize draw at the ACEC-BC mixer event.

Offering high quality breakfast seminars to empower YPs within BC also remains the top priority for the YPG. Seminars offer networking and soft skills development opportunities to YPs in the areas of communication, legal competency, leadership, and project delivery, as well as providing YPs with tools and lessons that they can apply to actively advance their careers. This year, the four regions will offer 15 breakfast seminars before the end of the term. The topics covered thus far range from *Expanding your Influence: How to Connect and Engage with Anyone*, through *Professional Engineering in the Design/Build and Public Private Partnerships Market to Career Development Tips and How Design Becomes Infrastructure*.

Realizing that certain YPG initiatives require a long term commitment, spanning over multiple committee terms, a draft *3 Year Plan* has been developed. The plan aims to act as a guidance document for YPG to support committee members, facilitate succession, and provide long term direction for the group.

Highlights of the YPG's many achievements over the course of this year include:

- ❖ Updating documents – including *Committee Mandate, Terms of Reference, Roles and Responsibilities*, and *YPG Structure* to reflect current practices of the group.
- ❖ Updating *YPG Executive Manual* to reflect ACEC-BC strategic priorities and provide a framework for the YPG.
- ❖ Issuing three newsletters, which act as a learning and information sharing tool for the YPG. Topics covered included introduction to YPG activities, lessons on client-consultant contracts, and project delivery models. We thank all contributors for their high quality input.

- ❖ Organizing three social events in Vancouver, including *Kings-ton Tap House Pub Night Networking*, *BC Lions Game Social event*, and *Curling Night and Pub Social*.
- ❖ Organizing three successful pub nights and one Curling Night in Victoria.
- ❖ Continuing outreach initiatives and promotion of the association in Lower Mainland by YPG members attending *BCIT/ASTTBC/APEGBC Industry Pub Night*, two *UBC/APEGBC Student & Industry Nights*, *UBC Engineering Career Fair*, and *BCIT CSCE Professional Night*.
- ❖ Continuing outreach initiatives and promoting the Association on Vancouver Island by YPG members attending *Camosun College's Trade and Technology Career Fair*, *Camosun College Civil Engineering Club event*, and *APEGBC/UVic Student & Industry Night* (where two YPG members presented their career paths).
- ❖ ACEC-BC Board approval of a budget increase proposal for YPG outreach initiatives. With the increase in budget YPG will be able to support outreach initiative activities, such as attending industry nights, without requiring Board approval each time. Part of the funds will also be used to acquire branded merchandise that will be handed out at various events to increase ACEC-BC brand recognition among YPs.
- ❖ Supporting ACEC-BC's government relations initiative. A YPG representative attended the *MLA Luncheon* in Victoria, while several YPs attended the *Spring Reception* that followed.
- ❖ Engaging of YPs in Nanaimo by organizing a breakfast seminar in March. Following the seminar, the Port Authority of Nanaimo kindly gave a tour of their new facilities and also took the YPs on a boat tour of the harbour.
- ❖ Increasing community engagement by initiating YPG volunteering at the *Science World SciTech Camp* for the summer of 2015.
- ❖ Increasing the Volunteer Bank list for Lower Mainland group to 59 volunteers.
- ❖ Drafting a *3 Year Plan* for the YPG to provide a clear, long term vision.

The group is continuing to build on the foundation established in previous years, in order to ensure the strengthening of our committee throughout the province, and I would like to thank all Provincial and Regional Committee members for their hard work, focus, and commitment. In particular, a big thank you to Mark Byram for insight throughout his time as committee member.

The support provided by the ACEC-BC staff has been invaluable. On behalf of the YPG, I would like to thank Lia Spidlen who provided a link between YPG and ACEC-BC and was instrumental in this year's success. A special thank you also to Armtec and BFL Canada CANADA Insurance Services for their support of YPG at the ACEC-BC Lower Mainland golf tournament.

YPG is also represented on most of the ACEC-BC committees. YPG members are present at the meeting, report back important information, and voice any concerns that the YPs in our industry may have. So, a big thank you to all of our committee representatives for their time and dedication.

2014-2015 Provincial Steering Committee

- Chair: Tijana Smiljanic, P.Eng.
- Vice-Chair: Zahra Pirani, P.Eng.
- Past Chair: Mark Byram, P.Eng.
- Communications: Graeme McAllister, P.Eng.
- PD/Education: Siobhan Robinson, EIT
- Lower Mainland Vice-Chair: Siobhan Robinson, EIT
- Vancouver Island Chair: Caroline Silins, EIT
- Okanagan Chair: Natasha Orlitzky, EIT
- Thompson-Nicola Chair: Andrew Chand, P.Eng.
- ACEC YPN Representative: Tijana Smiljanic, P.Eng.

2014-2015 Lower Mainland YPG Committee

- Chair: Siobhan Robinson, EIT
- Past Chair: *vacant*
- Vice Chair: Zahra Pirani, P.Eng.
- Communications: *vacant*
- PD/Education: Imran Gehlen, EIT
- Networking: David Marchand, EIT
- Volunteer Management: Joey Chiu, EIT
- Student Outreach: Katherine Dennert, EIT
- Community Involvement: Rozina Merchant, EIT

2014-2015 Vancouver Island YPG Committee

- Chair: Caroline Silins, EIT
- Past Chair: Mark Byram, P.Eng.
- Vice Chair: Craig Appelman, P.Eng.
- Communications: David Palmer, EIT
- Networking: David Palmer, EIT
- Student Outreach: Max Scruton, EIT

2014-2015 Okanagan YPG Committee

- Chair: Natasha Orlitzky, EIT
- Vice Chair: Stephen Horsman, P.Eng.
- Communications: Jade Jordan, EIT
- Networking: Cory Sivell, EIT
- Volunteer Management: Nathan Rosin, P.Eng.
- Student Outreach: Jonathan Lowe, P.Eng.

2014-2015 Thompson-Nicola YPG Committee

- Chair: Andrew Chand, P.Eng.

2014-2015 YPG Committee Representatives

- ACEC-Canada YPN: Tijana Smiljanic, P.Eng.
- Municipal Engineering: David Ellis, P.Eng.
- Business Practice: Graeme McAllister, EIT
- Transportation: Joey Chiu, EIT
- Building Engineering: Graham Lovely, P.Eng.
- Resource and Energy: Zahra Pirani, P.Eng.
- Membership Affairs: Natasha Orlitzky, EIT
- Professional Development: Mark Byram, P.Eng.

Business Practice Committee



Annual Report submitted by
Mike Dickens, P.Eng.
Chair, Business Practice Committee

The purpose of the Business Practice Committee is to:

- ❖ monitor emerging issues that affect the business interests of member firms;
- ❖ prepare position statements and informative documents focused on improving business interests of member firms; *and*
- ❖ Work with key client groups to improve business relationships.

The key accomplishments of the committee for the past year include:

- ❖ Reviewed and updated ACEC-BC *Engineering Fee Guidelines*.
- ❖ Updated *Budgeting Engineering Services Guidelines for Infrastructure and Transportation* document.

Ongoing committee initiatives include:

- ❖ Annually update the *ACEC-BC Engineering Fee Guidelines*.
- ❖ Update *Budgeting Engineering Services Guidelines for Buildings* document.
- ❖ Review Close-Out Procedures with BC Construction Association.
- ❖ Initiate dialogue with AANDC on procurement procedures.
- ❖ Work with committee chairs of Transportation, Resource and Energy, Building and Municipal towards custom agreements based on recommendations of Agreement Task Force memo.
- ❖ Develop Agreement Workshop subcommittee, with intentions of including Building and Municipal committee members, Neil Nyberg (MMCD), Kerry Short (Twining, Short & Haakonson LLP), Jeff McLellan (BFL Canada Insurance Services), and Pete Steblin (City of Coquitlam).
- ❖ Develop educational half-day seminars and lunch-and-learns for member firms and municipal clients on poor contract clauses.
- ❖ Develop a stronger program to support member firms in proposal calls and agreement negotiations.
- ❖ Develop a position paper on process for selecting a consultant, nature of procurement and how to shortlist a consultant.
- ❖ Maintain liaison with MMCD and APEGBC Consulting Practice Committee.

Business Practice Committee Members

Mike Dickens, P.Eng. (Chair)
Jeremiah Boucher, P.Eng.
Harvie Buitelaar, P.Eng.
Kelvin Carey, P.Eng.
Brian Chatwin, P.Eng.

Steve Croxford, P.Eng.
Dennis Gam, P.Eng.
Graeme McAllister, P.Eng.
Randy Hillaby, P.Eng.
Barry Singer, P.Eng.

Membership Affairs Committee



Annual Report submitted by
Marc Winer, P.Eng.
Chair, Membership Affairs Committee

The objective of the Membership Affairs Committee is to retain, attract and engage member firms. Our committee continues to meet with ACEC-British Columbia staff with regard to tracking of membership engagement. The committee reviews applications for membership, ensuring the caliber of professionalism is maintained.

We were pleased to welcome five new Corporate Members in 2014-15:

- ❖ BAP Acoustics Ltd.
- ❖ West Coast Road Testing & Consulting Ltd.
- ❖ Stratice Consulting
- ❖ SKC Engineering Ltd.
- ❖ Black & Veatch

We are into our second year of offering a new category of membership – Associate Member. This non-voting membership category is open to firms with offices in British Columbia that supply services to engineering consultants. Affiliate membership may include, but is not limited to: financial institutions, insurance companies, legal firms and drafting supply companies. We are pleased to advise that we have a total of ten companies as Associate members. In 2014-15 we welcomed the following organizations:

- ❖ B & B Contracting Group
- ❖ Ryder Insurance Brokers Ltd.

Our 2014-2015 initiatives for this committee include:

- ❖ Identifying and pursuing Consulting Engineering companies in BC who are not members of the Association. This includes those that are engaged in sectors of engineering not strongly represented in current ACEC-BC membership (i.e. industrial based companies).
- ❖ Identifying and pursuing companies who provide ancillary services to join as Associate Members (insurance, law, suppliers, others).
- ❖ Strengthening our membership rewards program. Our membership rewards program now includes benefits towards group insurance, health insurance, travel insurance and strategic financial planning. The rewards also includes discounts to the CMD Group/Journal of Commerce, Coast Hotels, Enterprise Rent-A-Car, ATI Insurance, BidCentral, Investors Group/Bay Wealth Management, Mark's Work Warehouse, Corporate Traveller and YVR parking. A membership rewards card was prepared and sent to all member companies.
- ❖ Completing a membership survey asking members for their input into the activities of the association and the general business environment. The results will be invaluable in developing and enhancing membership services and offerings.
- ❖ Developing an outreach program to ensure existing larger members are contacted regularly and "maintained" accordingly.

The ability of our committee to deliver on these initiatives is a result of cooperation between our committee volunteers and ACEC-BC staff. A huge thank-you to all those on the committee for their continued support and commitment. I'd especially like to thank the ACEC-BC staff for leading many of our initiatives and being instrumental in our success. I'm personally moving on to other opportunities with ACEC-BC as chair of the Municipal Engineering Committee. The last two years, as chair of this committee, has been an honour and a privilege. I'm delighted to welcome Craig Stenhouse as our incoming committee chair and wish our committee continued success in the 2015-16 year.

Committee Members

Marc Winer, P.Eng. (Chair)	Don McLean, CTech
Catherine Fritter, P.Eng.	Jeff McLellan
Simon Lee, P.Eng.	Jeannine Martin
Craig Stenhouse, P.Eng.	Natasha Orlitzky, EIT
Sasha Stone	

Professional Development Committee



Annual Report submitted by
Mark Byram, P.Eng., Chair
Professional Development Committee

The Professional Development Committee exists to promote the ongoing professional development of staff of ACEC-BC member firms.

The function of the Committee includes:

1. Develop professional development program including a professional development framework for ACEC-BC Member Firms coordinated with what is provided at the Young Professionals level.
2. Support in-house PD programs.
3. Liaise with APEGBC CPD Committee.

The past year has been a very productive year in bringing PD events to ACEC-BC members. The group has been fortunate to partner with several high caliber presenters to deliver a professional development program that explores some of the finer points of the business of consulting engineering. The following events were provided to the membership:

- ❖ Business Development for Engineers – *Ralph Kison*
- ❖ How To Effectively Manage Risk – *panel discussion organized by Andrew Bay*
- ❖ Indicators for Business Success – *Ron Coleman*
- ❖ Economic Review and 2015 Forecast – *Jock Finlayson*
- ❖ Business Development for Engineers 1.0 – *Ralph Kison*
- ❖ Writing Winning Proposals – *Kate Cockerill*
- ❖ Effective Agreements 1.0 (ACEC-Canada) – *Ben Novak (DFS Design Firm Seminars)*
- ❖ Business Development 2.0 (Personal Branding) – *Ralph Kison*
- ❖ Why don't they do what I want? Tools for effective delegation – *Leonard Firkus (Bellrock)*

Upcoming events include:

- ❖ Effective Agreements 2.0 (ACEC-Canada) – *Ben Novak (DFS)*

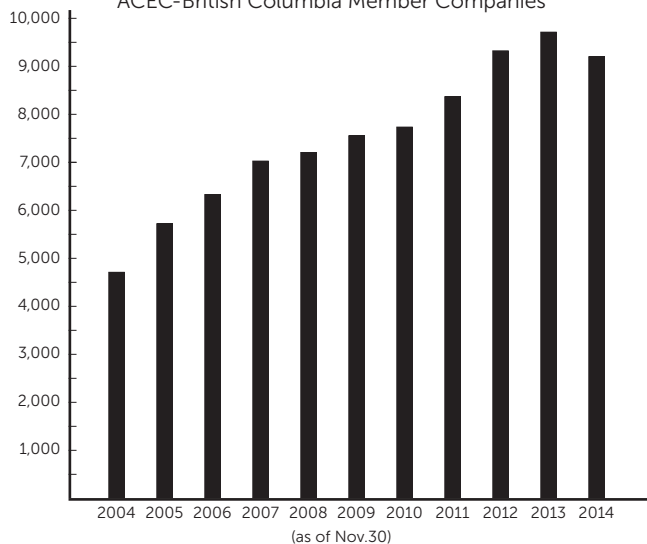
This year's program included an inaugural PD event on Vancouver Island which along with the other events was very well received. The success of the program has been achieved through the hard work of ACEC BC staff and the Committee members. Collaboration with groups such as APEGBC and the Vancouver Island Construction Association has provided value to the program. In the coming year the group will continue to exploring partnerships with affiliate groups and strive to build on the success of the past year.

Committee Members

Mark Byram, P.Eng. (Chair)	Siobhan Robinson, EIT
Joel McAllister, P.Eng.	Scott Campbell, P.Eng.
Selina Fong, P.Eng.	

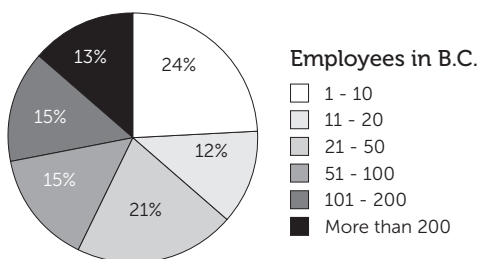
Total B.C. Employment

ACEC-British Columbia Member Companies



Profile (percentage of firms) by Total B.C. Employment

ACEC-British Columbia Member Companies



ACEC 2014-2015 Year in Review



ACEC President
John Gamble

The Association of Consulting Engineering Companies is the only national voice representing the business of engineering in Canada. We are a federation of the 12 provincial and territorial consulting engineering associations across Canada, i.e. Member Organizations (MOs). MO member firms are also members of ACEC.

The mission of the Association of Consulting Engineering Companies is to promote a business environment that recognizes and rewards our members' expertise and contributions to society

ACEC is governed by its members. A Board of Directors establishes strategic priorities and a full time staff is responsible for day-to-day operations of the association.

The ACEC staff, based near Parliament Hill in Ottawa, is made up of government relations, communications and association management professionals. Services are provided to ACEC's members in either official language. ACEC staff are regarded as experts within their fields and are frequently invited to make presentations on both industry and association issues, nationally and internationally.

ACEC is a recipient of the prestigious *Associations Make a Better Canada* award for an advertising campaign to promote *Qualifications-Based Selection* (QBS) from the Canadian Society of Association Executives.

WHAT WE DO FOR OUR MEMBERS

- ❖ We **advocate** for a better business and regulatory climate for the consulting engineering sector by influencing government, clients and other stakeholders.
- ❖ We **build the profile** of consulting engineers through strategic partnering, increasing awareness and projecting a positive image.
- ❖ We are the **recognized authority** for national industry issues and business practices.
- ❖ We strive to **enhance communications** with members and stakeholders.

2014-2015 HIGHLIGHTS:

WHAT WE ARE ACHIEVING FOR OUR MEMBERS

- ❖ **2014 Member Engagement Study:** ACEC engaged member firms and Member Organizations in a comprehensive study to better understand and improve the benefits and value members seek from the national and provincial/territorial associations. Additional work is underway on lapsed and potential member firms working in the resource sector to collect more data on these stakeholders. Findings from this work will supplement the recommendations from the 2014 report.
- ❖ **Next Steps - Member Engagement Study:** The next steps will be for ACEC and the Member Organizations to review the recommendations resulting from all of the data collected to develop an implementation strategy that will shape the association's future operational plan. The goal is to align current services and programs offered by ACEC and the provincial/territorial associations and develop new ones in an effort to

further increase the value our member firms gain from their membership.

- ❖ **Supporting Public Infrastructure Investment:** As welcome as the announcement of the \$53 billion New Building Canada Plan was, there is still much to do. ACEC is recommending that a portion of any budget surplus be dedicated to infrastructure with a long-term goal that investments by all three levels of government return to historical levels of 6% of GDP.
- ❖ **Addressing Canada's Premiers on Infrastructure, Interprovincial Trade and Procurement:** In response to comments arising from the Council of the Federation summer meeting in Charlottetown, ACEC issued an open letter to Canada's Premiers. ACEC applauds the Premiers for significant attention being given to the need for infrastructure investment by all levels of government. ACEC also supports, in principle, enhancing internal trade within Canada. However, ACEC has also cautioned the Premiers that the recent New West Partnership Trade Agreement (NWPTA) contains provisions that have unintentionally discouraged the use of qualifications-based selection (QBS), the recognized best practice for procurement of engineering services. ACEC believes that QBS will provide innovation and long-term savings on some infrastructure projects.
- ❖ **Promoting Northern Resource Development:** ACEC is supporting an initiative by the Mining Association of Canada, Prospectors & Developers Association of Canada and NWT & Nunavut Chamber of Mines to study the challenges of doing business in the North and identify strategies to encourage more public and private investment. The objectives of this study was to establish the capital and operating cost differentials between exploration and mining developments in remote and northern Canada versus similar activity in more southerly, less remote parts of the country. It was concluded that the principle source of those cost differentials was a lack of infrastructure. The result of this study is a white paper with recommendations to the federal government that would stimulate investment from the mining and exploration in northern and remote areas of Canada. Adoption of the recommendations in this report will lead to commercial opportunities for ACEC member firms (and prospective ACEC member firms) that consult directly to the mining and mineral exploration sectors as well as those that consult to northern and remote communities and agencies that will benefit from increased activity in the north. Further, ACEC support for this project has enhanced its relationship with the other sponsoring organizations.
- ❖ **Championing Responsible Resource Development:** ACEC, advocating on behalf of ACEC member firms in the resource and environmental sectors, was a contributor and sponsor of the 2014 Canadian Chamber of Commerce report *The Measures that Matter: How Canada's Natural Resources Sector Is Working to Protect the Environment*. ACEC volunteers that have assisted with ACEC with positions in both oil & gas and mining related issues were provided an opportunity to review and provide input into the document. The report examines the ways in which Canadian industry and governments are addressing the environmental challenges of resource production, specifically within the forestry, mining, and oil and gas sectors. For each type of resource, the report provides a brief summary of the harvesting/extraction process and outlines the main environmental challenges posed by each stage of the process. It then describes some of the key strategies industry is using to address that particular environmen-

tal impact. The Chamber, recognizing the critical role that consulting engineers play in both resource development and environmental protection, specifically requested ACEC's input into the report.

- ❖ **Influencing Government Policy:** Given the tragic events in Ottawa on October 22, 2014, ACEC's Parliament Hill Day was cancelled. However, meetings were rescheduled at the request of many MPs. In addition, ACEC was able to leverage its Parliamentary Partners program and arrange meetings with 2014 Parliament Hill Day participants and their MPs in local ridings during the November 2014 and January 2015 parliamentary break weeks. Key messages focused on the need to continue and expand infrastructure investment and develop policy to support the resource sector in northern Canada.
- ❖ **Branding the Infrastructure Report Card:** ACEC is joining the Steering Committee for the 2015 edition of the Canadian Infrastructure Report Card. The Steering Committee provides funding, governance and administration of this initiative. ACEC's role allows significant influence on the project and significant editorial influence on the report itself. The ACEC brand will be featured prominently on the Report Card website and the report itself. ACEC would also be a partner in the formal rollout of the completed report card.
- ❖ **Standing Up to Expensive Regulations:** As a result of lobbying by ACEC and the Canadian Council of Independent Laboratories (CCIL), the Canadian Nuclear Safety Commission (CNSC) has withdrawn its proposal to have all licensees post a financial guarantee or bond in the amount of \$10,000 plus an additional \$3,000 for each nuclear densometer owned by the licensee. It is estimated that this proposal would have tied up over \$14 million dollars across the industry. Instead, CNSC will now implement a more realistic risk-based insurance model with an annual premium of approximately \$13 per densometer.
- ❖ **Supporting Essential Energy Infrastructure:** Both traditional and renewable energy sources will continue to be important to Canada's future. ACEC has been supporting the approval of resource projects and associated infrastructure based on good science and sound engineering and has spoken out publicly on the need for strategic projects like Northern Gateway, Keystone XL and Energy East alongside continued development of renewable energy.
- ❖ **Standing Up for Business Integrity and Transparency:** By way of a resolution passed at its annual general meeting, ACEC members unanimously adopted a statement of principles and policies pertaining to business integrity and transparency. The adopted principles were recommended by an ACEC task force and are consistent with those of the International Federation of Consulting Engineers (FIDIC).
- ❖ **Supporting Members' Right to Litigation and Alternative Dispute Resolution:** ACEC is aware that there are municipalities (and other public agencies) that are prohibiting engineering firms and contractors from participating in procurement opportunities with the municipality, sometimes for an extended period of time, if they are or have been engaged in either litigation or alternative dispute resolution (ADR) with that municipality. ACEC categorically opposes this practice. In support of its members, ACEC's Board of Directors has formally adopted a position on procurement during litigation and alternative dispute resolution.
- ❖ **Centre for Business Innovation:** ACEC has partnered with the Conference Board of Canada's Centre for Business Innovation (CBI). CBI reports are typically \$1000 each and free access to these reports is an exclusive benefit of ACEC membership. ACEC will also have input into potential research topics to be undertaken by the CBI and into the resultant reports.
- ❖ **Celebrating Excellence – Canadian Consulting Engineering Awards Gala:** The Canadian Consulting Engineering (CCE) Awards Gala was held at the Shaw Centre on October 23, 2014. The CCE Awards ceremony, held every year in Ottawa, is organized jointly by ACEC and Canadian Consulting Engineer magazine. ACEC live-tweeted the 2014 Awards gala and coordinated the social media effort among all 20 award-winning firms and ACEC Member Organizations. Tweets containing the #CCEawards hashtag gained over 24.5K impressions on Twitter.
- ❖ **ACEC Leadership Summit:** The 2014 Leadership Summit was held June 19-21 in Winnipeg, Manitoba. For the 2015 Leadership Summit, ACEC has sought input on both the program and marketing from the Summit Advisory Group. The next conference and annual general meeting will take place in Niagara Falls, Ontario from June 11-13, 2015 with the theme "Transforming our business, our sector and our world." Starting in October 2016, ACEC will combine the Leadership Summit with the Canadian Consulting Engineering Awards Gala and Parliament Hill Day in Ottawa. Registration will be more flexible and affordable. More members will be able to participate in ACEC's advocacy. This will also ensure that the Leadership Summit does not compete with Member Organization conferences that take place in May and June.
- ❖ **Offering Professional Development:** ACEC has collaborated with DFS Seminars (DFS) and the Member Organizations to offer a series of training seminars, in various locations, on ACEC standard contracts and contracting best practices. Member Organizations may partner on these seminars and receive half of profits while ACEC assumes the financial risk. Seminars have been held in New Brunswick, British Columbia, Saskatchewan and Manitoba, with upcoming seminars scheduled in Alberta. A training seminar on establishing an effective integrity management system is in development.
- ❖ **Taking Learning Opportunities Online:** Recognizing that face-to-face professional development is not always convenient, ACEC is pursuing a new approach to learning opportunities through webinars held in partnership with our Corporate Partners. ACEC has presented two webinars with its partners: first with Grant Thornton on managing succession in an engineering firm; the second with AMR Group on tips for success and improving profitability. Both presentations will be available for viewing on ACEC's website.
- ❖ **Representing Canada at FIDIC Conference:** The annual conference of the International Federation of Consulting Engineers (FIDIC) was held in Rio de Janeiro from September 28 to October 1, 2014. The theme was *Innovative Infrastructure Solutions*. Experts and partners in the infrastructure and industrial sectors discussed challenges and business opportunities. Twelve Canadians registered including the ACEC Chair, Chair-Elect and President.
- ❖ **Student Outreach:** ACEC's fifth annual Engineering Student YouTube Contest to raise awareness of careers in consulting engineering ran from December 19, 2014 - February 1, 2015. The winner will attend the CCE Awards gala in October. ACEC continues to sponsor the Canadian Federation of Engineering Students (CFES) and participate in its annual events: CFES Congress and Canadian Engineering Competition.

ACEC-British Columbia Events

Since the 2013 Annual General Meeting ACEC-British Columbia has held a total of 53 events –

June 17	YPG Breakfast Seminar <i>Role of Consulting Engineers within Visionary Planning</i>
June 27	Vancouver Island YPG Breakfast Seminar <i>Role of Consulting Engineers within Visionary Planning</i>
September 9	Business Development for Engineers
September 10	6th Annual Okanagan Golf Tournament
September 16	Mining Industry Outlook
September 23	Vancouver YPG Breakfast Seminar <i>Consulting Engineering: Successes & Challenges</i>
September 24	Education Mixer
September 25	Victoria YPG Breakfast Seminar <i>Consulting Engineering: Successes & Challenges</i>
September 26	4th Annual Vancouver Island Golf Tournament
October 1	Health Authorities Mixer
October 8	Richmond / Delta Mixer
October 16	How To Effectively Manage Risk
October 21	Port Metro Vancouver Mixer
October 22	Burnaby / New Westminster Mixer
October 23	Mining Industry Outlook
October 29	Indicators for Business Success
November 13	Vancouver YPG Breakfast Seminar <i>Expanding your influence: How to connect and engage with anyone</i>
November 18	Building a Powerful Personal Brand
November 19	Enbridge Mixer
November 20	Victoria YPG Breakfast Seminar <i>What is a Great Leader?</i>
November 27	Kelowna YPG Breakfast Seminar <i>Career Development Tips and How Design Becomes Infrastructure</i>
December 2	Trans Mountain Mixer
December 4	Outlook on Canada's Oil and Gas Sector
December 10	Woodfibre LNG Mixer
January 14	Business Development for Engineers (Victoria)
January 20	2015 Economic Outlook
January 28	Transportation Conference 2015
January 30	Vancouver YPG Breakfast Seminar <i>Moving Cities – Lessons Learned in Managing the Design of Mega-Projects</i>
February 5	Kelowna YPG Breakfast Seminar <i>In the Spotlight: New Developments in Waste Management</i>
February 10	Protecting the Integrity, Security and Authenticity of Electronically Sealed and Transmitted Documents
February 18	Vancouver Island Mixer
February 19	Translink Mixer
February 20	Feeling Taxed? Relax and Come 'Lounge & Learn' (Kelowna)
February 25	North Shore Mixer
February 26	Business Development for Engineers
February 26	Tri-Cities Mixer
March 4	Fraser Valley Mixer

March 6	YPG Breakfast Seminar – Nanaimo <i>Professional Engineering in the Design/Build and Public Private Partnerships Market</i>
March 24	BC Hydro Mixer
March 25	Writing Winning Proposals
April 1	Effective Agreements 1.0
April 10	2015 Awards for Engineering Excellence Gala
April 13	ACEC-BC Spring Reception (Victoria)
April 15	Okanagan Mixer
April 16	Victoria YPG Breakfast Seminar <i>Leadership from the Inside Out</i>
April 21	Business Development for Engineers 2.0
April 28	Langley - White Rock Mixer
May 1	Vancouver YPG Breakfast Seminar <i>CCDC Documents</i>
May 5	Metro Vancouver Mixer
May 7	Why Don't They Do What I Want? <i>Tools for Effective Delegation</i>
May 13	2015 ACEC-BC Golf Tournament
May 20	Surrey Mixer
May 21	Kelowna YPG Breakfast Seminar <i>Glenmore Landfill in Kelowna</i>

Awards Road Show

Member firms compete annually in ACEC-British Columbia's Awards for Engineering Excellence program by submitting projects in the categories of

- ❖ Buildings
- ❖ Municipal & Civil Infrastructure
- ❖ Transportation & Bridges
- ❖ Energy & Industry
- ❖ Natural Resource & Habitat
- ❖ Soft Engineering

The Awards Road Show is a travelling public exhibit of display panels depicting these world class consulting engineering projects. The exhibit serves to inform, educate and inspire its audience while raising the profile of ACEC-BC members.

During the past year, the ACEC-British Columbia Awards Road Show has been on display at the following venues:

June 2 – 13	UBC Engineering Fred Kaiser Building
July 2 – 16	RTMC, Coquitlam
July 17 – 24	Surrey City Hall
August 5 – 19	Township of Langley Municipal Hall
August 20 – September 3	Coquitlam City Hall
September 29 – 17 October	Science World, Vancouver
November 10 – 21	Capilano University
January 28	Transportation Conference 2015
April 10	Vancouver Convention Centre
April 13 – 30	Guildford Town Centre
May 4 – 22	Burnaby City Hall
June 1 – 19	Richmond City Hall

Transportation Conference

Transportation Growth in the 21st Century Transportation Conference 2015

ACEC-British Columbia worked with the Ministry of Transportation and Infrastructure, and TransLink to develop **Transportation Growth in the 21st Century**, a one day conference focusing on trends and topics in BC's Transportation industry. Held January 28th, 2015 at the Hilton Metrotown Hotel, Burnaby, the conference provided a number of sessions of interest to consultants, TransLink and Ministry staff, including:

- ❖ morning guided tours of several sites on the Evergreen Line.
- ❖ luncheon presentations including:
 - Regional Transportation Investments – A Vision for Metro Vancouver; *Michael Buda, Executive Director, Mayors' Council on Regional Transportation*
 - Three Extraordinary Facts – and what they mean for our future; *Gordon Price, Director of the City Program, Simon Fraser University*
- ❖ afternoon sessions in two streams – *Transportation Financing*, and *Transportation Growth Management*.
- ❖ reception and Deputy Minister's Awards Dinner, attended by Grant Main, Deputy Minister of Transportation & Infrastructure.

15th Annual Golf Tournament

The Golf Tournament is one of the ACEC-British Columbia's most anticipated annual events, creating a fun and relaxed environment for members to network with their clients and industry colleagues. The tournament welcomed 144 participants at the Northview Golf & Country Club in Surrey, on May 13th, 2015. A portion of the tournament proceeds are donated to Make-A-Wish® Foundation of British Columbia and Yukon.



6th Annual Okanagan Golf Tournament

ACEC-British Columbia held the fifth Okanagan Golf Tournament at Harvest Golf Club on September 10th, 2014. 50 players participated in the tournament.

4th Vancouver Island Golf Tournament

The third Vancouver Island Golf Tournament was held at the Westin Bear Mountain Resort on September 26th, 2014. 40 players took part in the tournament.

Event Sponsors

None of our many events would be possible without the continued support and encouragement from our many sponsors, for which we are most grateful. In particular, we would like to thank:

- AECOM Canada Limited
- Amec Foster Wheeler
- Aon Risk Solutions
- Aplin & Martin
- Applied Science Technicians & Technologists of BC
- Armtec
- Associated Engineering
- Ausenco
- The Association of Professional Engineers & Geoscientists of BC
- B&B Contracting Group
- BA Blacktop
- BAP Acoustics Ltd.
- Bay Wealth Management / Investors Group
- BC Road Builders & Heavy Construction Association
- BCIT School of Transportation
- Bellrock
- BFL Canada Insurance Services
- BidCentral
- R.F. Binnie & Associates
- Bull Houser Tupper
- Buckland & Taylor | COWI
- Bunt & Associates
- Business in Vancouver
- Canada Culvert
- Canadian Home Builders Association (Central Okanagan)
- CanCADD Imaging Solutions
- CH2M HILL
- Cobra Electric (South Coast) Ltd.
- Construction Business Magazine
- Corporate Traveller
- Dentons Canada
- Edelman
- Egis
- ENCON Group
- Golder Associates
- Hatch Ltd.
- Hatch Mott MacDonald
- IBI Group
- IPEX
- ISL Engineering and Land Services
- Jardine Lloyd Thompson Canada
- Kerr Wood Leidal Associates
- Klohn Crippen Berger
- Langley Concrete Group
- Levelton Consultants
- Mainroad Group
- McElhanney Consulting Services Ltd.
- Metrix Professional Insurance Brokers
- MMM Group
- Moffatt & Nichol
- Morrison Hershfield Limited
- Northwest Hydraulic Consultants
- Opus DaytonKnight
- Park Insurance
- Parsons Inc.
- PBX Engineering
- Singleton Urquhart
- Southern Interior Construction Association
- Stantec
- Surety Association of Canada
- Tetra Tech
- Thurber Engineering
- Twining, Short & Haakonson
- Urban Development Institute
- Urban Systems Ltd.
- Vancouver Island Construction Association
- Williams Scotsman
- Winvan Paving Ltd.
- WorleyParsons
- WSP Group
- XL Group Insurance / XL Design Professional

Awards for Engineering Excellence

Since its inception 25 years ago, the Awards for Engineering Excellence Gala has not only become a “must attend” event for ACEC-British Columbia members and their clients, but it is also one that draws accolades from their spouses. This year some 500 guests joined us in celebrating the engineering achievements of ACEC-BC members. We were very pleased to welcome Her Honour, the Honourable Judith Guichon, OBC, Lieutenant Governor of British Columbia as our special guest speaker at the gala. The 42 submissions in the awards competition were on display at the gala, launching the 2015 Road Show that tours venues around the province throughout the year.

Lieutenant Governor’s Award

The prestigious Lieutenant Governor’s Award is selected as the best from among all of the Awards of Excellence. This year’s winner is *Buckland & Taylor | COWI* for the **Design and Construction Engineering of the Champlain Bridge Superbeam and Modular Truss.**



A major flexural crack was discovered in one of the essential post-tensioned girders of the Champlain Bridge, Canada’s busiest bridge, resulting in the emergency closure most lanes. *Buckland & Taylor* responded quickly with a solution that would allow the bridge to reopen and restore public confidence in the bridge’s safety.

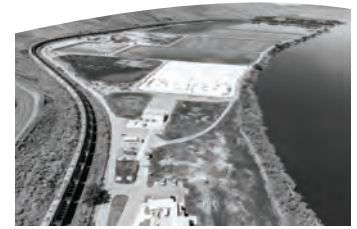
The early design, erection procedure planning and fabrication of the Superbeam as a stabilizing component meant the bridge was fixed within a 48 hour window and safely reopened to the public two weeks after the emergency was detected. Later, a steel truss was installed as a permanent solution and the temporary Superbeam was removed.

The combination of the Superbeam and steel truss has kept Canada’s busiest bridge open and safe despite the challenges of weather and the weakened bridge itself.

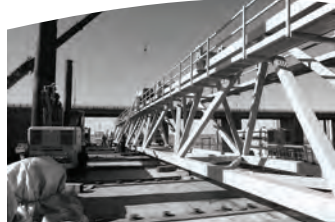
Awards of Excellence



Kin Centre Complex
Fast + Epp



Kamloops Sewage Treatment Centre Upgrades
Urban Systems Ltd.



Design and Construction Engineering of the Champlain Bridge Superbeam and Modular Truss
Buckland & Taylor | COWI



Nanaimo Reservoir No. 1 and Energy Recovery Facility – A Clean Energy Project
Associated Engineering



Building Envelope Thermal Bridging Guide
Morrison Hershfield Ltd.

Awards of Merit

- ❖ **York House School Senior Building**
MCW Consultants Ltd.
- ❖ **Williams Road Drainage Pump Station Upgrade**
Aplin & Martin Consultants Ltd.
- ❖ **Composite Barrier Wall / Rock Shed Structure**
Klohn Crippen Berger
- ❖ **The Low Level Road Project**
Stantec
- ❖ **Kokish River Hydroelectric Project**
Knight Piésold Ltd.
- ❖ **Wood Innovation and Design Centre – Owner’s Technical Representative**
Associated Engineering; and Applied Engineering Solutions Ltd.
- ❖ **Custom mobile GIS streamlines real-time data for LNG pipeline project**
McElhanney Consulting Services Ltd.

Meritorious Achievement Award



The recipient of this prestigious award in 2015 is **John Collings, P.Eng.**

John Collings grew up in what is now Zambia. In the 1950s, it was a great country for an aspiring civil engineer. Electricity was a new and novel service. The main roads were not paved. And yet, the largest dam in the world, the Kariba Dam across the Zambezi River, was being built 100 km from where John Collings was brought up in Lusaka.

It was a three day journey from Lusaka to Durban, South Africa where he did his engineering degree at the University of Natal. After completing his degree, John worked on the design and construction of South Africa's system of new freeways that were being built in the 1960s. Not long after, in the early 1970s, he was invited by his then employer to gain some Canadian experience. And now, some 40 years or more later, he's still working on his Canadian experience.

For nearly 30 years he worked for what was then Delcan Corporation, participating on major transportation projects in every province and territory in Canada as well as considerable experience in South American and Asia. With Delcan, he enjoyed residences in Ottawa and Regina before settling in Vancouver. Throughout his time with Delcan, he took on increasing responsibilities, becoming Vice President (Pacific Region) and later Director responsible for the corporate Transportation Division. He managed no end of projects in Turkey, Columbia, Venezuela, El Salvador, Hong Kong, Malaysia, and Indonesia. He and his wife spent a year in Bolivia as part of the team working on the La Paz to Puerto Salinas Highway.

While raising the profile of the company, John sought out non-traditional opportunities. From creating and managing one of the first automated pavement management companies, the first BC privatized Highway Maintenance Company; to and Standard Parking, a design-build-financeoperate parking company. With an appreciation for innovation and a focus on quality, he introduced the then new AutoCAD technology, and lead the development of a corporate Quality Management system amongst other achievements. He went onto to assist with the development of the first BC Ministry of Highways design-build procurement and delivery methodology for bridge and highway projects.

One of John's ambitions was to have his own company, and in 1999 he and Robin Johnston, a fellow South African, established Collings Johnston Inc. From its early days, CJI has been forefront in leading some of the most challenging and interesting projects in Canada and Alaska.

But John's career hasn't been simply about engineering the next big project. He has been both a leader and promoter of the engineering profession, the industry and supporter of his colleagues. From his participation on the Transportation Research Board in Washington D.C., as a key member of some of the many committees of the Transportation Association of Canada, the Vancouver Board of Trade, or through his active participation in ACEC-BC, including as Chairman in 1991-1992, and ACEC-Canada - John's influence, contribution and support of the industry is well recognized and appreciated.

Young Professional Award



The ACEC-BC Young Professional Award was established in 2008 to recognize an individual in the first ten years of their career who has shown leadership within their company, contributed to the consulting engineering industry, the profession and the community.

The recipient of the 2015 Young Professional Award is **Mark Byram, P.Eng.** of Levelton Consultants.

Mark Byram has more than 9 years of experience in the fields of construction materials engineering, testing Inspection, and evaluation of engineering materials. His experience includes concrete, masonry and coatings technology. Much of Mark's experience relates to the assessment and rehabilitation of corrosion damaged structures.

Mark graduated from the University of British Columbia in 2007 with a degree in Civil Engineering with Distinction. After working with GOAL Engineering he joined Levelton Consultants in 2013. As the Group Leader of the Vancouver Island Region, Mark is responsible for the business development and overall operation of the group, which includes overseeing and mentoring staff at the offices in Victoria and Nanaimo.

Mark has a genuine passion to advance the profile of consulting engineering to young professionals. He has served as Regional and Provincial Chair of ACEC-BC's Young Professionals' Group, and as an ex officio member of the ACEC-BC Board of Directors. He is currently acting as Chair of the ACEC-BC Professional Development Committee.

Treasurer's Report



Annual Report submitted by
Ken Wiecke, P.Eng.
 Vice-Chair/Treasurer
 ACEC-British Columbia

The Treasurer's report summarizes the financial status of ACEC-British Columbia as of March 31, 2015, which is the fiscal year end of the organization. The report also provides a brief summary of the 2015/2016 fiscal year budget.

This is the fourth year that ACEC-BC's financial statements were independently audited by Wolrige Mahon LLP.

The actual and budgeted revenue and expenses for the 2014/2015 fiscal year are as follows:

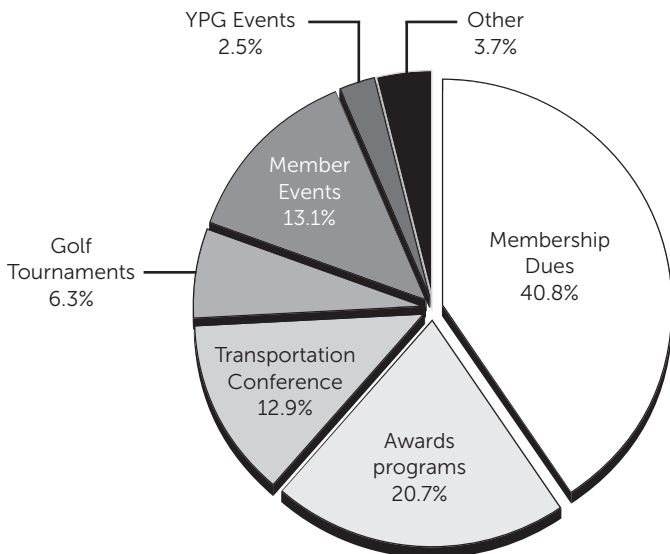
Item	Actual	Budget	Variance
Revenue	\$1,064,929	\$1,008,700	\$56,229
Expenses	\$1,035,039	\$1,002,350	(\$32,689)
Net	\$29,890	\$6,350	\$23,540

The solid financial results moves the ACEC-BC closer to recommended reserves that have been approved by the Board this year. The targets are:

- Operating Reserves \$270,000 *(six months operating revenue)*
- Special Projects Fund \$100,000 *(current target - might vary in future)*
- Operating Cash \$110,000 *(assumed maximum cash deficiency)*

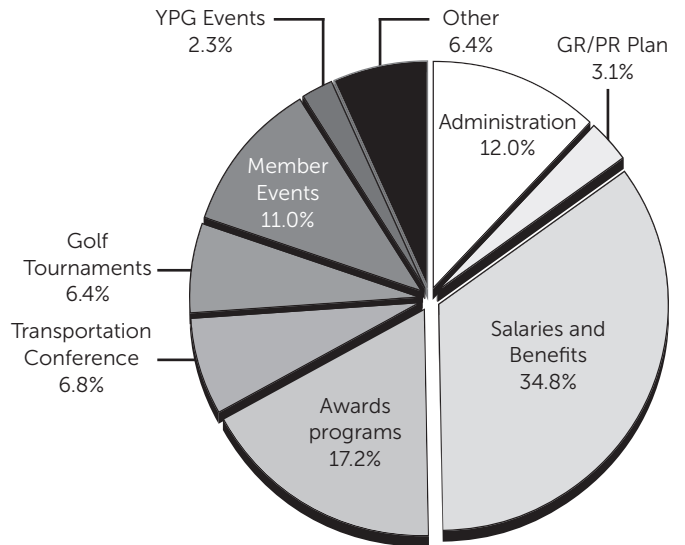
Our net assets (General Fund) reported in the Statement of Financial Position at March 31, 2015 for the end of the fiscal year were \$187,530 with just over \$100,000 in cash, compared to net assets (General Fund) of \$157,640 at the beginning of the fiscal year. This reflected our target of rebuilding our General Funds, leading to a more stable foundation and future flexibility for unbudgeted items.

2014-2015 Revenue Sources



Our revenue increased \$47,870 from 2013/2014. The major increase in revenue from budget was from the Awards Gala, Transportation Conference and Members' events.

2014-2015 Expenditures

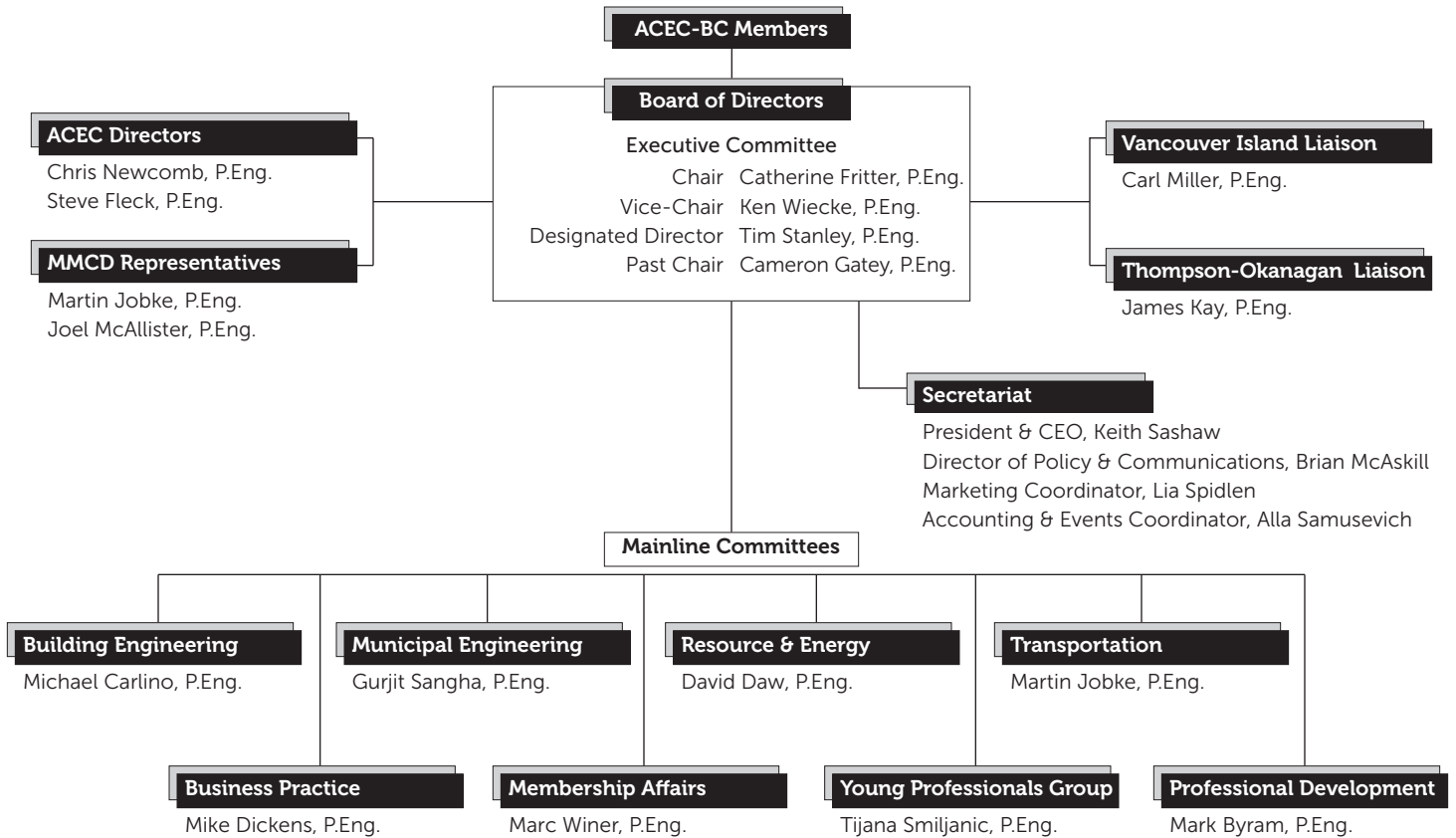


Our expenditures increased \$79,891 from 2013/2014. Our major changes in expenditure from budget were salaries (unbudgeted increase), Committee expenses, Awards Gala, and Members' events (offset by increased revenues).

Our total N number for the 2014/2015 year is 9,720 employees in 82 member companies, which is a small change from 2013/2014 when there were 9,320 employees in 84 member firms. Our association also has 10 associate members (non-consulting engineering firms).

The Board of Directors has approved the 2015/2016 fiscal year budget, and anticipates a slight surplus with anticipated total revenues of \$1,055,600 and total expenses of \$1,050,400 which would result in a surplus of \$5,200 (not including amortization).

2014-2015 Organization Chart



The ACEC-British Columbia Board of Directors and Executive Committee maintain liaison with the following organizations:

- | | | |
|---|---|-----------------------------------|
| Association of Consulting Engineering Companies - Canada | BC Road Builders and Heavy Construction Association | Quantity Surveyors Society of BC |
| Architectural Institute of BC | Consulting Engineers of Alberta | Pacific Northwest Economic Region |
| Association of Professional Engineers & Geoscientists of BC | Government Finance Officers Association of BC | Partnerships BC |
| Applied Science Technologists & Technicians of BC | Local Government Management Association of BC | TransLink |
| BC Construction Association | Master Municipal Contract Documents Association | Union of BC Municipalities |
| BC Construction Roundtable | Members of the Legislative Assembly | Urban Development Institute |
| BC Institute - Purchasing Managers Association of Canada | Members of Parliament | Vancouver Airport Authority |
| BC Ministry of Finance | Mining Association of BC | |

ACEC-British Columbia Secretariat

- Keith Sashaw President and CEO
 Brian McAskill Director of Policy and Communications
 Lia Spidlen Marketing Coordinator
 Alla Samusevich Accounting and Events Coordinator

Association of Consulting Engineering Companies–British Columbia
 1258 - 409 Granville Street, Vancouver, BC V6C 1T2
 t: (604) 687-2811 e: info@acec-bc.ca
 f: (604) 688-7110 w: www.acec-bc.ca

Corporate Members

AECOM Canada Ltd.
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J.E. Anderson & Associates
Aplin & Martin Consultants Ltd.
Applied Engineering Solutions Ltd.
Associated Engineering (B.C.) Ltd.
Ausenco Engineering Canada Inc.
BAP Acoustics Ltd.
BBA Inc.
J.M. Bean & Co. Ltd.
R.F. Binnie & Associates Ltd.
Black & Veatch
Brown Strachan Associates
Buckland & Taylor | COWI
Bunt & Associates Engineering (B.C.) Ltd.
Bush Bohlman & Partners
Roy Campbell Ltd.
CCMET Ltd.
CH2M HILL Canada Limited
Chatwin Engineering Ltd.
CIMA Canada Inc.
Citiwest Consulting Ltd.
Collings Johnston Inc.
CTQ Consultants Ltd.
CWA Engineers Inc.
CWMM Consulting Engineers Ltd.
DIALOG
Dillon Consulting Limited
DMD & Associates Electrical Consultants
exp Services Inc.
Fast + Epp Structural Engineers
GOAL Engineering Ltd.
Golder Associates Ltd.
Great Northern Engineering Consultants Inc.
Gygax Engineering Associates Ltd.
Hatch Ltd.
Hatch Mott MacDonald
HDR, Inc.
Horizon Engineering Inc.
IBI Group
InterCAD Services Ltd.
ISL Engineering and Land Services
Jade West Engineering Co. Ltd.
Kerr Wood Leidal Associates Ltd.
Klohn Crippen Berger Ltd.
Knight Piésold Ltd.
Koers & Associates Engineering Ltd.
Lapointe Engineering Ltd.
Layton Consulting Ltd.
Levelton Consultants Ltd.
McElhanney Consulting Services Ltd.
MCW Consultants Ltd.
MMM Group
Moffatt & Nichol
Morrison Hershfield Limited
MWH Canada Inc.
Northwest Hydraulic Consultants Ltd.
Opus International Consultants (Canada) Limited
Paragon Engineering Ltd.
Parsons Inc.
PBX Engineering Ltd.
Piteau Associates Engineering Ltd.
Read Jones Christoffersen Ltd.
Ready Engineering (BC) Corporation
RKTG Associates Ltd.
Rocky Point Engineering Ltd.
RWDI AIR Inc.
SCS Materials Engineers Ltd.
Sereca Consulting Inc.
SKC Engineering Ltd.
SNC-Lavalin
SRK Consulting (Canada) Inc.
Stantec
Stratice Consulting
Tetra Tech Inc.
Thurber Engineering Ltd.
Urban Systems Ltd.
URS Canada Inc.
Villholth Jensen & Associates Ltd.
Wakefield Acoustics Ltd.
Watson Engineering Ltd.
West Coast Road Testing & Consulting Ltd.
WorleyParsons Canada Services Ltd.
WSP Canada Inc.

Associate Members

Armtec Pacific Region
B&B Contracting Group
BA Blacktop Ltd. Group of Companies
Bay Wealth Management / Investors Group Financial Services Inc.
BFL CANADA Insurance Services Inc.
Graham Infrastructure Ltd.
Jardine Lloyd Thompson Canada Inc.
Ryder Insurance Inc.
Twining, Short & Haakonson, Barristers
Wylie-Crump Limited

Association of Consulting Engineering Companies – British Columbia

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