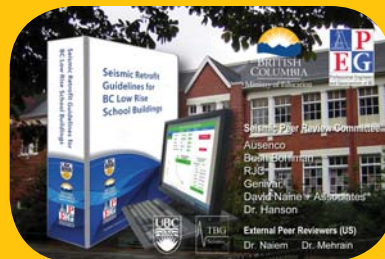




ASSOCIATION OF CONSULTING
ENGINEERING COMPANIES
BRITISH COLUMBIA

Annual Report 2012 - 2013

Association of Consulting Engineering Companies – British Columbia



www.acec-bc.ca

Table of Contents

Association Profile	2
Our Vision	2
Our Mission	2
Core Values	2
Charter of Membership	2
ACEC-British Columbia Directors and Executive Committee	3
Chair’s Report	4
President’s Report	5
Minutes of the 2012 Annual General Meeting	6
Committee Reports	
Building Engineering	8
MMCD Report	8
Municipal Engineering	9
Resource and Energy	10
Transportation	11
Business Practice	11
Membership Affairs	12
Young Professionals’ Group	13
Professional Development	13
Regional Liaison Reports	
Thompson-Okanagan Liaison	14
Vancouver Island Liaison	14
ACEC-British Columbia 2012-2013 Organization Chart	15
ACEC-Canada Year in Review	16
Events 2012-2013	18
Awards Road Show	18
Delivering the Goods - Transportation Conference	19
Golf Tournaments	19
Event Sponsors	19
Awards for Engineering Excellence	20
2013 Meritorious Achievement Award	21
2013 Young Professional Award	21
2013 Chairman’s Award	21
Treasurer’s Report	22
ACEC-British Columbia Corporate Members	23
ACEC-British Columbia Associate Members	23

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 8,700 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 5% 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.

2012-2013 Directors

Chair	Steve Fleck, P.Eng. MBA	Stantec Consulting Ltd.
Vice-Chair/Treasurer	Cameron Gatey, P.Eng.	Urban Systems Ltd.
Designated Director	Catherine Fritter, P.Eng.	Moffatt & Nichol
Vancouver Island Liaison	Steve Bean, P.Eng.	Thurber Engineering
ACEC Director	John Collings, P.Eng.	Collings Johnston Inc.
Agreements Task Force Chair	Mike Currie, P.Eng.	Kerr Wood Leidal Associates
Business Practice Director	Neil Ferguson, P.Eng.	Hatch Energy
Building Engineering Director	Fadi Ghorayeb, P.Eng.	Jones Kwong Kishi
Transportation Chair and MMCD Director	Martin Jobke, P.Eng.	Associated Engineering
Okanagan Liaison	James Kay, P.Eng.	Aplin & Martin Consultants
Director-at-large	Jeannine Martin	Buckland & Taylor Ltd.
Director-at-large	Tim Stanley, P.Eng.	MMM Group
Director-at-large	Homayoun Vahidi, P.Eng.	IBI Group
Resource & Energy Committee Chair	Ken Wiecke, P.Eng.	AMEC

2012-2013 Ex Officio Directors

Past Chair	Doug Hinton, P.Eng.	Hatch Mott MacDonald
Young Professionals Group Chair	Allison Clavelle, P.Eng.	Urban Systems Ltd.
ACEC Director	Chris Newcomb, P.Eng.	McElhanney Consulting Services

2012-2013 Executive Committee



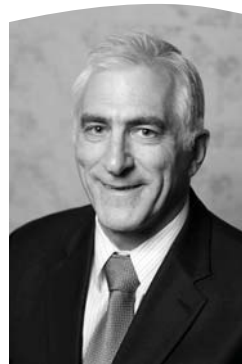
Steve Fleck, P.Eng. MBA
Chair



Cameron Gatey, P.Eng.
Vice-Chair/Treasurer



Catherine Fritter, P.Eng.
Designated Director



Doug Hinton, P.Eng.
Past Chair



Keith Sashaw
President and CEO

Chair's Report



Once again it has been a very busy year for ACEC-British Columbia and our industry. As outlined in the reports in this Annual Report, there are many active committees and Task Forces that work throughout the year on behalf of the members of ACEC-BC and the consulting engineering community.

While providing valuable events to our members continues to be a priority for us, it is but one of our many activities. One priority this year was to raise our profile and contact with government, media and the public. Conse-

quently we put more resources towards improving awareness of our association and the industry in general.

The message we conveyed to policy makers and the general public is that our profession generates more revenue for the province than highly visible industries like fishing, film production or agriculture. That a significant portion of this revenue comes from work outside our provincial borders shows an appreciation and appetite for the skills British Columbia engineers possess. We should all be proud of this. By increasing public, media and government awareness of our organization, our voice will be heard on the many issues facing our industry.

Following the installation of a new Cabinet, ACEC-British Columbia met with those new ministers whose portfolios affect the engineering industry. Equally important, we also met with key members of the opposition to ensure we developed those foundation level relationships. ACEC-BC recognized that it is essential that all political parties understand and appreciate the importance of our industry, the large numbers of high quality knowledge economy jobs and our financial contribution to the BC Economy.

Our messaging included the importance of consistent capital funding, issues associated with NWPTA, and our industry's continuous struggle to achieve fair and balanced contract language.

In November we held the annual Past Presidents and CEO's dinner, and we were joined by Bruce Ralston, MLA and Opposition Critic for Finance and Public Accounts. The addition of a speaker to the annual event underscores the continuing emphasis ACEC-BC places on government relations. It clearly demonstrated that enhanced government relations efforts were our number one priority for this year. Also, with decision-makers in the room from a broad representation of our membership, the feedback received during the evening was instrumental to the policy formulation and action of the association.

In February of this year, ACEC-BC was pleased that Keith Sashaw joined the organization as the new President and Chief Executive Officer. Keith brings a wealth of experience and relationships from his 12 years with the Vancouver Regional Construction Association, and is part of the overall strategy of raising our Association profile and influence.

The board will continue to transition to a more strategic focus, as we review how the association is governed. A Governance Task Force chaired by Catherine Fritter is has led this initiative.

In recent years a plurality of senior managing principals of member firms have made it clear to the board that the contract language we're seeing in RFPs and associated consultant agreements is a priority issue, and that more resources should be directed towards tackling this problem. This has led to several initiatives, including:

- ❖ expanded outreach to municipalities and organizations that influence municipalities, including the Union of BC Municipalities, Local Government Management Association, and Government Finance Officers Association of BC.
- ❖ establishment of an Agreements Task Force chaired by Mike Currie. The task force works jointly with the Business Practice Committee on contract language issues.
- ❖ a very positive meeting was held with the Auditor General for Local Government. We promoted the use of standard contracts, like ACEC Document 31 and the MMCD standard agreement, as a best practice. The InfraGuide Best Practice for Selecting a Professional Consultant was also put forward at this meeting.

As you will read in this report, there are many events, seminars and activities undertaken by ACEC-BC. Between April 2012 to March 2013 a total of 33 member events were held, which attracted over 2800 attendees. These activities are important on another level, as they serve to further some of the organization's strategic goals including government relations, advocacy, image and public awareness.

Delivering the Goods, the 2013 Transportation Conference, was the most successful to date with more than 350 in attendance. Organized in collaboration with the Ministry of Transportation and Infrastructure and TransLink, the conference featured presentations and discussions around transportation infrastructure that supports and enhances the movement of goods across the Pacific Gateway.

An unforgettable event was the 2013 Awards of Excellence Gala when the industry came together to recognize the outstanding work done by our members. Not only were tremendous projects on display, but attendees also had the unique opportunity to see 500 engineers up dancing to the songs of ABBA!

Keith Sashaw, Brian McAskill, Alla Samusevich and Dave Rockliff have had another busy and demanding year at ACEC-BC. The Board and I would like to thank them for their hard work this year, and their contribution to the success of our organization.

Finally, I would like to thank the Executive Committee, Board Members, the hard working members of our committees and task forces and the member organizations for making ACEC-BC a success this year. It was my honour and privilege to serve as your president for this year.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Steve Fleck'.

Steve Fleck, P.Eng., MBA
Chairman of the Board of Directors
Association of Consulting Engineering Companies-British Columbia

President's Report



I had the honour of being selected as President of ACEC-British Columbia in January of this year, and started in the position in February. In the past three months, I have been impressed with the scope of activities undertaken by ACEC-British Columbia volunteers, Directors and staff.

Just prior to my coming on board, ACEC-British Columbia, Translink and the Ministry of Transportation and Infrastructure hosted a very successful Transportation Conference, followed by the presentation for the

Deputy Minister's Awards Dinner. This conference, attended by 340 delegates, underscores the close collaboration that exists between ACEC-British Columbia and those owners who engage consulting engineering companies. These relationships are very important to our Association, and we will continue to work hard to maintain and strengthen these ties.

Events such as the Transportation are a major service provided by ACEC-British Columbia. Between April 2012 and March 2013 there were 33 member events held including 9 Mixers, 14 Young Professionals Group Seminars, 2 Professional Development Seminars, 3 Golf Tournaments, Award Gala, Transportation Conference and other events. These events attracted over 2800 participants, from member companies, clients and other organizations.

Our Government relations mandate remains strong. As we are in an election year, we did not host our usual Government Relations Day in Victoria. We did however carry our members' message directly, meeting with representatives of both major parties. Members of the Executive had several meetings with Bruce Ralston, NDP Finance Critic, and met with Adrian Dix, NDP Leader, just weeks prior to the election call. We have also had many opportunities to meet with members of the Liberal Party Cabinet and caucus. The message we carried on behalf of our members was the importance of continued investment in infrastructure, the need for standard documents and practices and our concerns regarding the non-exclusion of engineers from the North West Partnership Trade Agreement, among other topics.

Recognizing the volume of business done by our members in the municipal sector, ACEC-British Columbia met with the new Auditor General for Local Government to acquaint her and her team on Qualifications Based Selection, and the importance of standard documents such as ACEC 31 and the MMCD suite of documents.

Raising the public profile is another important objective, as well as ensuring our sector is involved in public policy debates. To this end we have had several editorials published in the Vancouver Sun, Journal of Commerce and other publications. In addition we have published inserts on our Awards of Excellence program in the Vancouver Sun, Construction Business magazine and BC Business magazine. We are also ramping up our outreach program by actively participating in events such as the Lower Mainland Local Government Association and the Government Finance Officers Association conventions as an exhibitor, and participating in other

organizations such as the Vancouver Board of Trade and the BC Construction Roundtable. We have laid the ground work to establish relationships with other organizations such as the Mining Association of BC and various energy companies.

ACEC-British Columbia has introduced an Affiliate Member category, 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 with the response we have had to date with this new initiative.

Our committees have been very active, working collaboratively with clients such as BC Hydro, Translink, Metro Vancouver and others in building strong liaisons, which have enabled us to suggest contract language when necessary.

One initiative we intend to pursue in the upcoming year is the development of a more robust education and training program targeted to helping our members with business related challenges. Ideas and topics for these sessions were provided in the responses to a recent survey which has provided invaluable insights into the needs of our members.

As we move forward, we are committed to serving the needs of our members through growing the organization, providing more services and continuing to raise the profile of ACEC-British Columbia and the consulting engineering community.

These accomplishments over the past year were made possible through the dedication and efforts of the Board of Directors, countless volunteers and the Secretariat staff, who are Brian McAskill, Alla Samusevich and Dave Rockliff. It is through their hard work that the consulting engineering community is well served.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Keith Sashaw', written in a cursive style.

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

Minutes of the 2012 ACEC-BC AGM

held Thursday, June 7th, 2012 (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 Doug Hinton. Glenn Martin confirmed that a quorum was present. Special guests Pierre Gallant, AIBC; Tim Jervis, Metro Vancouver; Mark Porter and Jeff Holm, APEGBC; Jack Davidson, BC Road Builders; Ralph Sultan, MLA West Vancouver-Capilano; John Leech, ASTTBC; Jeff McLellan, BFL Canada Insurance Services; and Sheri Plewes, Port Metro Vancouver were introduced.

2. Minutes of Annual General Meeting of June 7th, 2012

Doug Hinton presented the minutes of the previous Annual General Meeting. Harlan Kelly moved *that the minutes of the previous AGM be approved as presented*. The motion was seconded by Lawrence Benjamin. Adopted.

3. Annual Report 2011-2012

Glenn Martin reviewed the annual report, highlighting the ACEC-British Columbia organization chart and committee reports. Glenn provided an overview of the achievements of the main line committees, and of the regional liaison groups.

Glenn also presented highlights of the Executive Director's report, including:

- ❖ official roll out of our new name at the Awards Gala on March 31, 2012.
- ❖ a new website improves the image of the association and the industry, and includes many new features.
- ❖ collaboration with APEGBC to provide input to proposed changes to the Engineers and Geoscientists Act. This involved extensive consultation with ACEC-British Columbia members.
- ❖ increasing our ability to influence:
 - passing of Bill 34 into law achieved long sought after changes to the BC Limitation Act, including reduction of the ultimate limitation period from 30 years to 15 years. ACEC-British Columbia has advocated for these changes since 2000. The Attorney General's news release included a quote from ACEC-British Columbia President, Doug Hinton. Our thanks to Ralph Sultan, MLA West Vancouver-Capilano, who has been a key figure in helping to achieve this outcome.
 - Government Relations Days in Victoria included meetings with members of government and the opposition, and good discussions allowed us to convey key messages.
 - improved our influence with municipal governments by engaging organizations such as UBCM; LGMA; BC Ministry of Community, Sport and Cultural Development, responsible for municipalities and NWPTA; and the Canadian Public Procurement Council.

(A copy of the full remarks are available on request)

Glenn Martin introduced Mike Cunningham, who provided a brief report on the activities of the PACE Group. PACE Group has been engaged on a monthly retainer basis to provide government relations services to the board. The focus is mainly on the provincial government, and facilitating meetings with government officials. PACE Group also provides communications and media relations services to help advance the visibility and profile of ACEC-British Columbia in Victoria. PACE Group reports regularly to the board and executive committee, and have assisted in development of government relations/public relations strategic planning.

4. Treasurer's Report for 2011-2012

Steve Fleck presented the financial statements for the fiscal year ending March 31, 2012.

Several new non-budget initiatives were approved by the board, including:

- ❖ rebranding exercise related to the association name change.
- ❖ retaining Fleishman Hillard Canada Inc. (until Dec. 2011) and PACE Group (Jan. 2012 onward) to assist with government relations and development of a public relations plan.
- ❖ development and implementation of a new web site.

The revenue and expenses for the 2011/2012 fiscal year are:

Item	Actual	Budget	Variance
Revenue	\$802,130	\$788,950	\$13,180
Expenses	\$869,437	\$799,400	(\$70,037)
Net	(\$67,307)	(\$10,450)	(\$56,857)

The fiscal year ended with a deficit of (\$67,307) versus a budget deficit of (\$10,450).

Barry Singer moved *that the 2011-2012 Financial Statements be approved as presented*. Seconded by Allan Russell. The motion was adopted.

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

Steve Hunt moved that ACEC-British Columbia appoint Wolrige Mahon LLP, Chartered Accountants as the auditor for the association. The motion was seconded by Steve Bean. The motion was adopted.

5. Nominating Committee Report

Jack Lee presented the report of the Nominating Committee.

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

- ❖ Jeannine Martin, Buckland & Taylor (North Vancouver);
- ❖ Tim Stanley, P.Eng., MMM Group (Vancouver); and
- ❖ Homayoun Vahidi, P.Eng., IBI Group (Vancouver)

6. Election of Board of Directors

Angus English moved that the nominees recommended by the Nominating Committee should be elected as directors for four year terms. The motion was seconded by Steve Bean. The motion was adopted.

7. Outgoing President's Remarks

Doug Hinton noted several highlights of the past year:

- ❖ the association changed its name, and a new website was developed.
- ❖ ACEC-British Columbia worked with a coalition of six associations to lobby for Bill 34, which brought into law some important changes to the BC Limitation Act, including a reduction to the ultimate limitation period from 30 years to 15 years, from the date of the event giving rise to the action.
- ❖ participation in major municipal conferences, including UBCM and LGMA.
- ❖ overall, the number of engineers and technicians/technologists working for ACEC-British Columbia member companies increased.
- ❖ an amended constitution and new by-laws were approved by Voting Members at a special general meeting, held prior to the AGM.
- ❖ Agreements Task Force established to address contract language issues.
- ❖ board participated in a one-day governance workshop.
- ❖ participation as a stakeholder at the Budget lock up.
- ❖ fifth annual meeting of the four western Canadian Member Organizations to discuss issues and to provide updates on the the consulting engineering industry in our respective provinces.
- ❖ numerous mixers, professional development and YPG events. A very successful Shifting Modes Transportation Conference was held with over 280 participants.
- ❖ The ACEC-British Columbia Awards Gala had record attendance of 610, with 49 project submission and 11 awards.
- ❖ engaged PACE Group to provide government relations services on a continuous, ongoing basis.

Doug thanked the ACEC-British Columbia staff and outgoing directors Martyn Bayne, P.Eng. and Jack Lee, P.Eng. for their contributions. A gift was presented to outgoing director Jack Lee, P.Eng.

Doug introduced, and passed the gavel to incoming President Steve Fleck, P.Eng. of Stantec Consulting.

8. Incoming President's Remarks

Steve Fleck thanked the members for the honour of serving as their President.

Steve noted that consulting engineering in our province generates \$2.9 billion dollar in annual revenues. This is more than other industries such as agriculture, fishing or the film industry. Consulting engineers should be more vocal about promoting the importance of the industry.

Steve reinforced the board's focus on strategic priorities identified at the board retreat last June,

1. improving our ability to influence governments
2. improving board effectiveness and member follow-through on commitments
3. ensuring that association finances are adequate to meet its strategic needs.

The board plans to continue engaging PACE Group to assist with government relations activities, to take this to another level with governments at the municipal, provincial and federal levels.

The board will plan to transition to a more strategic focus, as we review how the association is governed.

The board will continue its comprehensive review of association finances, including potential new sources of funding, and expanding current sources such as member events, sponsorships, and new memberships.

Steve thanked Doug Hinton for his leadership over the past year. Steve presented a gift to Doug Hinton.

9. Other Business

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

Barry Singer moved 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.

The motion was seconded by Fadi Ghorayeb. The motion was adopted.

10. Adjournment

Allan Russell moved *that the 2012 ACEC-British Columbia Annual General Meeting be adjourned*. Seconded by Angus English. The meeting was adjourned.

Building Engineering Committee



Annual Report submitted by
Fadi Ghorayeb, P.Eng., Struct.Eng.,
MStruct.E., FEC
Past Chair, Building Engineering Committee

The ACEC-BC Building Engineering Committee represents the 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, participation and input into various "Wood First Act" discussions and forums (Bill 9-2009).
- ❖ Monitoring and providing input on APEGBC related issues such as the OQM Documents and the proposed P.Tech. designation.

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., MStruct.E., FEC (Past Chair)

Karim Karimzadegan, P.Eng. Andrew Tashiro, P.Eng.
Mark Layton, P.Eng. Graeme Terris
Clint Low, P.Eng., Struct.Eng., FEC Met Ulker, P.Eng., FEC
Peter Senez, P.Eng. Charlie Yao, P.Eng. (YPG)

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-British Columbia, there are a number of committees within MMCD. The committees are tasked with updating and maintaining the specifications, facilitating training, marketing and, new in 2012, the introduction of an Agreement Task Force (ATF) to look at an update 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. As well as reviewing/updating the document, the ATF will also try to identify why the past contract document has not been as widely utilized as the technical specifications. To address this, the ATF consists of individuals representing engineers in the public and private sector, a purchasing department representative, and ACEC-BC.

The intent is to have an update in place in 2013. The initial sessions of the ATF have not identified significant changes that are required to satisfy the Consulting Industry. In an attempt to provide some consistency in the language, a comparison is being made with the ACEC Document 31.

In 2012, like most previous years, there have been limited or no MMCD document purchases from consulting companies from outside of BC who do not have a presence in BC. While the NWPTA has increased the overall level of competition, interestingly there appears to be limited new competition in the Municipal market from firms outside of BC.

ACEC-British Columbia Representatives on the MMCD Board of Directors

Martin Jobke, P.Eng.
Scott Bilbrough, P.Eng.

Municipal Engineering Committee



Annual Report submitted by
Adrian Corlett, P.E.
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:
 - Fraser Valley: Abbotsford and Mission
 - Richmond and Delta
 - Burnaby and New Westminster
 - North Shore: District of North Vancouver, City of North Vancouver and West Vancouver
 - Surrey, Township of Langley and City of Langley
- ❖ Revising the format of Municipal Mixers to encourage greater attendance by municipalities and member firms. A revised format was developed with input from several municipalities, and recently introduced at the Surrey-Langley Mixer in May.
- ❖ Meeting with the Township of Langley, at their invitation, to provide recommendations on procurement of consulting services as they considered changes to their SOQ shortlist process. This included explanation of the requirements and implications of NWPTA.
- ❖ Involvement in several specific procurement issues raised by member firms, resulting in correspondence from ACEC-BC to the relevant client organizations explaining concerns, recommending solutions and suggesting future practices.
- ❖ Presentation by member firms of showcase projects at the MMCD/MED AGM in Richmond.

Planned work for next year:

- ❖ Develop content and a revised format for the Vancouver Roundtable, which will again give member firms the opportunity to present expertise and ideas.
- ❖ Meet with selected municipalities to present our recommendations for procurement and contract language.
- ❖ Address specific procurement and contract language issues as they arise.

- ❖ Host the following Mixers:
 - Fraser Valley (Abbotsford, Mission, Maple Ridge)
 - Richmond/Delta/Tsawwassen First Nation
 - Burnaby/New Westminster
 - North Shore/Squamish
 - Vancouver Roundtable
 - Surrey/Langley
 - Metro Vancouver

Metro Vancouver Liaison Subcommittee

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

- ❖ Prepared three memoranda to be sent to Metro Vancouver with detailed recommendations for proposed changes to agreement clauses affecting:
 - Indemnification and Professional Liability
 - Intellectual Property and Ownership of Work Product
 - Extra Work
- ❖ Continued work on issues surrounding EIC drawings.
- ❖ Discussed with Metro Vancouver the timeliness of award after RFP submission, and the size of projects procured – often they are broken into smaller projects by discipline.
- ❖ Hosted the Metro Vancouver Mixer in April.

Committee Members

Adrian Corlett, P.E. (Chair)

Gurjit Sangha, P.Eng. (Vice-Chair)

Marc Winer, P.Eng. (Vice-Chair)

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

Calum Buchan, P.Eng.

David Chan, P.Eng.

Cameron Gatey, P.Eng.

Dwight Heintz, P.Eng.

Mauricio Herrera, P.Eng.

Henry Ho, P.Eng.

Nick Jimenez, EIT

Albert Li, P.Eng.

Don McLean, C.Tech

Stuart Nash, P.Eng. (YPG)

Andy Ngae, EIT (YPG)

Robert Warren, P.Eng.

Resource and Energy Committee



Annual Report submitted by
Ken Wiecke, 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 continues to be the major focus of the committee. The underlying principle when the ACEC-British Columbia 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.

The Provincial government continues to be the other main focus of the committee. There are generally two (2) areas that the committee will communicate with the Provincial government

- ❖ to have the provincial government influence BC Hydro
- ❖ to have the Provincial government promote ACEC-BC Energy and Resource Member firms.

Meeting with BC Government

Ken Wiecke met with Brian Hansen (ADM) to discuss LNG projects in BC. ACEC will work with Brian to set up a mixer between ACEC members and a potential project proponent. Shell has been identified as a good first candidate for this mixer.

There was an LNG conference in Vancouver on February 25 and 26. Initial planning seemed a bit late, and it was feared that attendance may be low. However, the conference was well attended, and served as a good showcase of the potential magnitude of LNG projects in the province of BC.

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.
- ❖ Encourage ACEC/BC Hydro participation and exchange at all employee levels.

Blanket Agreements 1081 (Resource Augmentation) and 1140 (Service Providers) were discussed. ACEC continued to engage BC Hydro committee members in a discussion to improve the efficiency and clarity of the bidding process.

A BC Hydro Mixer was held on March 5th 2013 at the Metrotown Hilton. The Mixer was well attended by BCH and ACEC members. Safety by design presentation was well received by ACEC members in attendance. BC Hydro had presentations from all key areas.

There was a general discussion about other subcommittees and the need for them. Previously, there was a Safety by Design and an Environment and Sustainability subcommittee; however, there was no action in the past year. It was decided that there is a need for a smaller group (Forum) to meet and discuss topical issues of interest to BC Hydro and ACEC-British Columbia. Issues that will be considered in a Forum are:

- ❖ Safety by Design
- ❖ Environment and Sustainability
- ❖ Aboriginal Involvement
- ❖ Project Controls and System Integration

Procurement Subcommittee

Chaired by David Daw, the Procurement subcommittee has been working with BC Hydro to discuss potential changes to the RFSQ process, especially in relation to general conditions for construction contracts. BC Hydro advised the committee that a new engineering services contract will be issued for bid in 2014. The subcommittee continues to work with BC Hydro to better define the differences between RFP's and RFT's to make the bidding process less onerous.

Committee Members

Ken Wiecke, P.Eng. (Chair)

David Daw, P.Eng. (Chair, BCH Procurement Subcommittee)

Sabbir Ahmad, P.Eng.

Meetal Khanderia, P.Eng.

Bruno Bagneres, P.Eng.

Lewis Macrae, P.Eng.

Scott Crozier, P.Eng.

Greg McNeill, P.Eng.

Cathy Fritter, P.Eng.

Ron Monk, P.Eng.

Doug Grimes, P.Geo.

Zahra Pirani, P.Eng. (YPG)

Charles Hunt, P.Eng.

August Sheldon, P.Eng.

Maureen Kelly, P.Eng.

Terry Wong, P.Eng.

BC Hydro Members of the BCH Steering Committee:

Ken McKenzie, P.Eng. (Generation Project Delivery)

James Thomson, P.Eng. (Transmission and Distribution Engineering)

Darren Kahl, P.Eng. (Generation Engineering)

Marcel Reghelini (Transmission and Distribution Project Delivery)

Transportation Committee



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

The ACEC-British Columbia Transportation Committee represents member firms in both the Public and Private sectors. This Committee is well represented through several initiatives including:

- ❖ MoTI Liaison Committee-at-large and their Steering Committee
- ❖ TransLink Liaison Steering Committee
- ❖ Port Metro Vancouver Liaison Committee

This past year, the Transportation Committee has had a very successful year hosting several events with record numbers of members and clients in attendance.

The ACEC-BC MoTI Liaison Committee-at-large continues to draw significant interest and support from across our membership. Dialogue continued this past year on the issue of the role of the Engineer-of-Record and QA/QC on design build and P3 projects. A meeting was held with three senior representatives from Partnerships BC to discuss this issue as well as to identify potential next steps. Recognizing that there is a significant difference between a DB and a P3 model, both of which Partnerships BC has experience with, the next step is to review a sample of recent DB and P3 documents, and identify specific areas for future discussion and possible improvement.

The TransLink Liaison Committee continued to make progress on contract and RFP language. This past year has continued to see changes at TransLink, partially due to the operational audit that was undertaken in 2012-2013. The committee's focus will now turn back to implementing changes to the TransLink contract documents.

The Port Metro Vancouver (PMV) Liaison Committee has largely been inactive due to the unexpected leave of absence of a senior member from PMV. Discussions have recently been initiated to re-establish a quarterly meeting schedule.

MoTI Liaison Steering Committee

Bernie Teufele, P.Eng. (Chair) Darryl Matson, P.Eng.
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) Sean Kennedy, P.Eng.
Bernard Abelson, P.Eng. Ron Lee, P.Eng.
Christian Babuin, P.Eng. Joanne Slazyk, P.Eng. (YPG)
Darrel Gagnon, P.Eng.

Port Metro Vancouver Liaison Committee

Martin Jobke, P.Eng. (Chair) Tony Purdon, P.Eng.
Peter Brayford Ian Rokeby, P.Eng., FEC
Ken Curry, P.Eng. Tim Stanley, P.Eng.
Santino Pirillo, 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;
- ❖ P3 subcommittee identified informative documents and provided links on ACEC BC website;
- ❖ Reviewed existing QBS material (including LGMA questionnaire);
- ❖ Reviewed Budgeting Engineering Services Guidelines;
- ❖ Reviewed the use of electronic seal by member firms;
- ❖ Worked with Kwantlen Polytechnic University to review their procurement methods for engineering and contractors; *and*
- ❖ Worked with the Contract Language Task Force Committee to develop a top 10 list of contract agreement issues.

Ongoing committee initiatives include:

- ❖ Annually update the ACEC BC Engineering Fee Guidelines;
- ❖ P3 subcommittee decided to discontinue as the market is now mature (but could be resurrected if needed);
- ❖ Meet with Municipal Engineering Committee in Fall '13 on QBS to update and develop a strategy to disseminate information to municipalities/governments;
- ❖ Review current QBS information and assemble into short form summary of the Guide to Selecting a Consulting Engineer;
- ❖ Fall 2013 meeting with Building Engineering Committee on Budgeting Engineering Services Guidelines document to update fee percentages and building content;
- ❖ Assist Kwantlen Polytechnic University with developing their procurement methods for engineering and contractors;
- ❖ Develop a position paper on procurement methods, outlining potential pitfalls and providing general awareness;
- ❖ Continue to work with the Contract Language Task Force Committee to find avenues to improve contract language with clients;
- ❖ Initiate a review and update (if needed) Charter of Membership code of conduct and text;
- ❖ Initiate dialogue with CEA, CES and ACEC-Manitoba Business Practice committees; *and*
- ❖ Maintain liaison with MMCD and APEGBC Consulting Practice Committee.

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Business Practice Committee Members

Mike Dickens, P.Eng. (Chair)	Dennis Gam, P.Eng.
Neil Ferguson, P.Eng. (Past Chair)	Randy Hillaby, P.Eng.
Jeremiah Boucher, P.Eng.	Joel McAllister, P.Eng. (YPG)
Kelvin Carey, P.Eng.	Barry Singer, P.Eng.
Steve Croxford, P.Eng.	Will Wawrychuk, P.Eng.

- Identify Consulting Engineering companies in BC who are engaged in sectors of engineering not strongly represented in current ACEC-BC membership (i.e. industrial based companies.)
- Identify and pursue companies who provide ancillary services to join as Associate Members (insurance, law, suppliers, others).
- Develop an outreach program to ensure existing larger members are contacted regularly and "maintained" accordingly.

The Committee looks forward to working with the Secretariat in moving these initiatives forward.

Membership Affairs Committee



Annual Report submitted by **Marc Winer**, P.Eng., Interim 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 two new Corporate Members in 2012-13:

- ❖ CIMA Canada Inc.
- ❖ Tetra Tech Inc.

ACEC-British Columbia would like to thank our long serving committee Chair, Karen Savage. After five years, she recently stepped down from the Chair position to focus on other initiatives including her position as an APEGBC Councillor.

In April, the Board approved proceeding with 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 six companies have already joined ACEC-BC as Associate Members, and we welcome them to our organization:

- ❖ BFL CANADA Insurance Services Inc.
- ❖ Twining, Short & Haakonson, Barristers
- ❖ Bay Wealth Management/Investors Group Financial Services Inc.
- ❖ BA Blacktop Ltd. Group of Companies
- ❖ Armtec Pacific Region
- ❖ Wylie-Crump Limited

ACEC-BC also circulated a membership survey asking members for their input into the activities of the association and the general business environment. While the results are still being tabulated, there is a tremendous amount of information that will be invaluable in developing and enhancing membership services and offerings.

In April, Steve Fleck, Jeanine Martin and Keith Sashaw met to discuss possible membership issues and identified some possible steps to recruiting members:

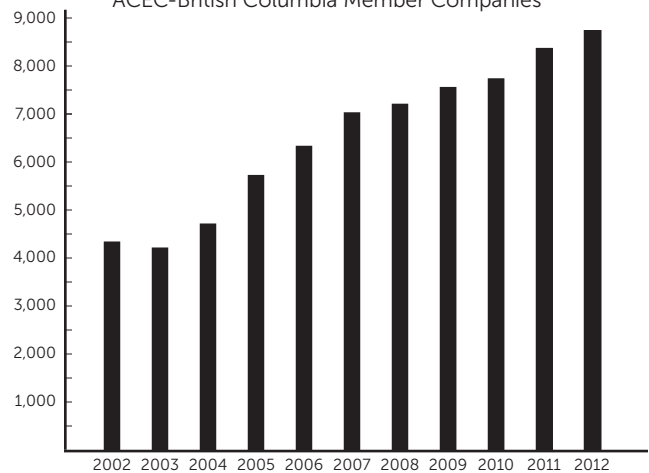
- Working with ACEC National, identify Consulting Engineering companies who do business in BC and who are members in other provinces but not in BC
- Again working with ACEC National, identify Consulting Engineering companies who are not members of any nationally based Consulting Engineering Association

Committee Members

Marc Winer, P.Eng. (Interim Chair)	Devinder Sambhi, P.Eng.
Karen Savage, P.Eng. (Past Chair)	Craig Stenhouse, P.Eng.
Simon Lee, EIT (YPG)	Charlie Yao, P.Eng. (YPG)
Don McLean, CTech	

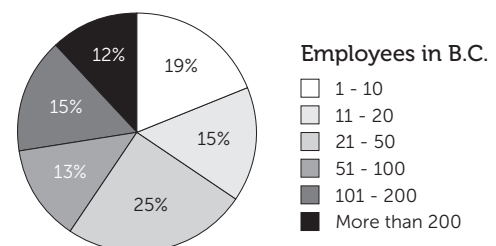
Total B.C. Employment

ACEC-British Columbia Member Companies



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

ACEC-British Columbia Member Companies



Young Professionals Group



Annual Report submitted by
Allison Clavelle, P.Eng.
Chair, YPG Steering Committee

Mission Statement

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

The Young Professionals Group (YPG) had a transformational year, moving to a tiered structure with an overarching Provincial Steering Committee and regional steering committees in the Lower Mainland, Vancouver Island, and the Okanagan. Together, the three regions offered 14 Breakfast Seminars and provided a variety of opportunities for Young Professionals to meet, network, and develop their careers. Other key successes included:

- ❖ Launch of the annual Consultants' Contraption, a special event that raised \$3,250 for GEERing Up!
- ❖ Introduction of the YPG Quarterly Newsletter. The first edition focused on the broader activities of ACEC-BC and our relationship with FIDIC and ACEC Canada. The second edition focused on business practices and contract language.
- ❖ Expanded communication through increased use of social media (Twitter, Facebook, LinkedIn) and increased documentation of events in all regions.
- ❖ Increased networking opportunities throughout the province, including pub nights, a curling social, a ski night, a movember initiative, and a ping-pong championship.
- ❖ Established processes to better enable transition planning and ensure the ongoing success of the YPG. This includes establishing an electronic file sharing system and requiring year-end reports from committee members.
- ❖ Continued increase in attendance at breakfast seminars and strong sales of annual passes.

Once again, the ability of the YPG to deliver an ambitious program is a result of cooperation between ACEC-British Columbia staff and our engaged team of volunteers. Thank you to the 2012-2013 YPG Steering Committee members and many volunteers who have contributed to all of our successes. Some of our Steering Committee Members are moving on to new opportunities next year. I would like to thank Joel McAllister, Dan Friedman, and Trever Gatto for their hard work and insight during their time as Steering Committee members. I would also like to welcome next year's committee and wish them continued success in the 2013-2014 year.

2013-2014 Provincial Steering Committee

Chair: *vacant*
Okanagan Chair: Anne Girtz, P.Eng.
Vancouver Island Chair: Mark Byram, P.Eng.
Past Chair: Allison Clavelle, P.Eng.
Lower Mainland Vice-Chair: Graeme McAllister, EIT
Communications: Joanne Slazyk, P.Eng.
PD/Education: Siobhan Holladay, EIT

2013-2014 Lower Mainland Committee

Chair: Charlie Yao, P.Eng.
Vice-Chair: Graeme McAllister, EIT
Past Chair: Allison Clavelle, P.Eng.
Communications: Justin Cheng, P.Eng.
PD/Education: Zaid Azaizeh, EIT
Networking: Zahra Pirani, P.Eng.
Volunteer Management: Tijana Smiljanic, P.Eng.
Student Outreach: Raj Sandhu, EIT
Community Involvement: Patrick Ho, EIT

2013-2014 Vancouver Island Committee

Chair: Mark Byram, P.Eng.
Vice-Chair: Lianne Naeth, P.Eng.

2013-2014 Okanagan Committee

Chair: Anne Girtz, P.Eng.
Vice-Chair: Garrett Hamilton-Smith, P.Eng.

2013-2014 YPG Committee Representatives

FIDIC: Selena Wilson, P.Eng.
ACEC: Charlie Yao, P.Eng.
Municipal Engineering: Stuart Nash, P.Eng.
Andy Ngae, EIT
Business Practice: Graeme McAllister, EIT
Transportation: Joanne Slazyk, P.Eng.
Building Committee: Charlie Yao, P.Eng.
Resource and Energy: Zahra Pirani, P.Eng.
Membership Affairs: Simon Lee, EIT

Professional Development Committee



Annual Report submitted by
Joel McAllister, P.Eng., Chair
Professional Development Committee

The Professional Development (PD) Committee exists to promote the ongoing professional development of staff of ACEC-BC member firms. This committee was re-established in 2011-12 as a main line committee and this past year has been its first year of providing PD opportunities to ACEC-BC member firms.

Work undertaken by the Committee this year includes:

- ❖ A gap analysis to determine what existing professional development programs exist and what ACEC-BC can provide.
- ❖ Developed framework for PD events
- ❖ Established event topics
- ❖ Held two events:
 - *Understanding and Managing Conflict.* This event provided an overview of conflict in the workplace (what it is and what it is not), identified conflict styles, and provided tools for managing conflict.
 - *Building Client Relationships Through Effective Agreements.* The purpose of this event was to allow those signing agreements to be able to identify key clauses found in poor client consultant agreements, to demonstrate the

continued...

implications of signing these agreement through the use of real world examples, identify the benefits of using standard agreements, and to provide examples of good standard agreements.

❖ A third event is planned to be held in mid-June 2013.

The Professional Development Committee is looking forward to another exciting year in 2013-2014. Over the summer period we will be developing the goals and objectives for the upcoming year, and establishing a more structured professional development program.

Committee Members

Joel McAllister, P.Eng. (Chair) Selina Fong, P.Eng.
Scott Campbell, P.Eng. James Kay, P.Eng.
Phillip Chow, P.Eng.

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 productive 2012-2013. 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

24 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.

In September we hosted ACEC Okanagan Day in Kelowna, consisting of a meet-and-greet between member firms and our President and Executive Director as well as our annual golf tournament. We had 30-40 members attending, with very positive feedback. Our Young Professionals group has hosted several events and a huge thank you to Anne Girtz of AECOM for her continued exemplary work with the YPG.

We are very excited to be hosting ACEC-BC Okanagan Day in Kelowna again this year, with the Golf Tournament on Tuesday September 28. 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) Anne Girtz, P.Eng. (YPG)
Mike Baker, P.Eng. Charlie Higgins, P.Eng.
Dave Cullen, P.Eng. Brad Lively, P.Eng.
Craig Dusel, P.Eng. Jonathon Lowe, P.Eng.
Alan Emery, P.Eng. Ken Oliver, P.Eng.
Dave Gibson, P.Eng. John van Andel, P.Eng.

Vancouver Island Liaison



Annual Report submitted by
Steve Bean, P.Eng., Chair
Vancouver Island Liaison Committee

My role is to chair the Vancouver Island Liaison Committee which plans and organizes events on Vancouver Island. I attend the ACEC-BC Board Meetings in Vancouver and liaise with the Vancouver Island members.

On September 21, 2012 we held our second annual ACEC-BC Vancouver Island Golf Tournament at the Olympic View Golf Club. The tournament was attended by about 30 members who enjoyed the great weather and networking opportunity. A fine dinner and prize table followed the days golfing. On November 8, 2012 we held our eighth annual ACEC-BC Vancouver Island Mixer in Nanaimo at the Coast Bastion Inn. Our three speakers were Paul Rosen of the City of Nanaimo who talked about upcoming capital projects, James Griffiths of Sea Breeze Power Corporation who talked about opportunities for consulting engineers in the wind energy sector and Mike Cunningham of the Pace Group who informed us about the current political landscape. The event was attended by about 25 members from Victoria and Nanaimo and generated some very interesting discussion and feedback.

A Breakfast Meeting was held on May 7 at the Union Club to introduce Keith Sashaw to the Vancouver Island members. Keith gave us an update of recent activities and priorities of the ACEC-BC executive. The meeting allowed our members to meet Keith and ask some questions about the future direction of ACEC-BC.

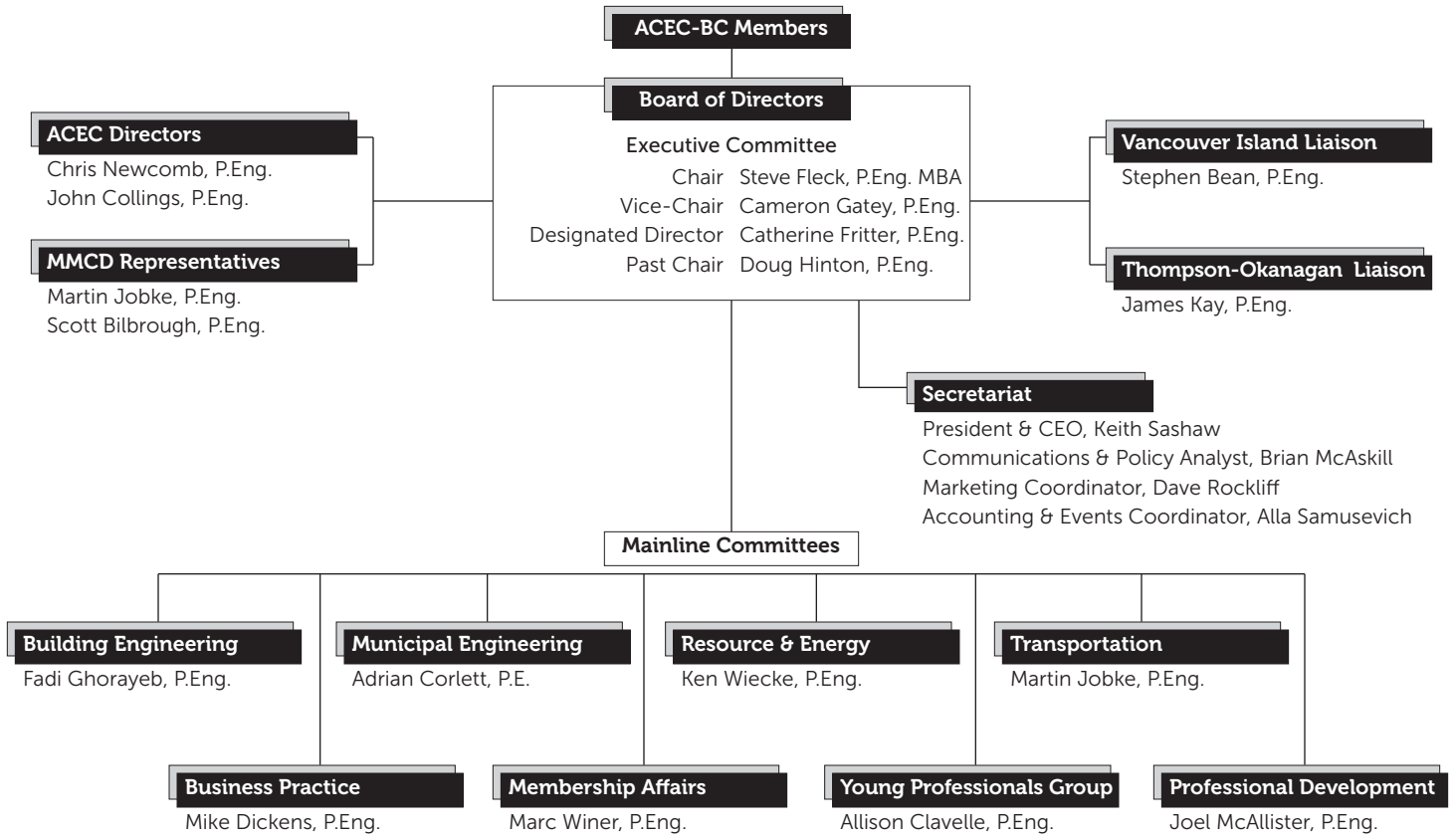
The Vancouver Island Chapter of the Young Professionals Group is now well established and has run a series of well attended events on Vancouver Island. They are currently putting together a Dragon Boat team to race this summer in Victoria's Inner Harbour. The 8th Annual Vancouver Island Consultants Invitational Fishing Derby is tentatively scheduled for July 20 and the Vancouver Island Golf Tournament is tentatively scheduled for September 2013.

In the fall of 2013, we plan to hold the ninth annual ACEC-BC Vancouver Island Mixer in Victoria. I look forward to another great year of events!

Committee Members

Steve Bean, P.Eng. (Chair) Greg Ovstaas, P.Eng.
Peter Ferguson, P.Eng. Eric Pettit, P.Eng.
Carl Miller, P.Eng. Tom Wilson, P.Eng.

2012-2013 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 Ministry of Finance | Quantity Surveyors Society of BC |
| Architectural Institute of BC | BC Road Builders and Heavy Construction Association | Pacific Northwest Economic Region |
| Association of Professional Engineers & Geoscientists of BC | Consulting Engineers of Alberta | Partnerships BC |
| Applied Science Technologists & Technicians of BC | Master Municipal Contract Documents Association | TransLink |
| BC Construction Association | Members of the Legislative Assembly | Union of BC Municipalities |
| BC Construction Roundtable | Members of Parliament | Urban Development Institute |
| BC Institute - Purchasing Managers Association of Canada | Mining Association of BC | Vancouver Airport Authority |

ACEC 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.

The mission of the Association of Consulting Engineering Companies is to help its member firms be more successful.

We are a federation of the 12 provincial and territorial consulting engineering associations across Canada. Members of these member organizations are also members of ACEC. 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.

What we do for our members

We **build the profile** of consulting engineers through strategic partnering, increasing awareness and projecting a positive image.

- ❖ The **Canadian Consulting Engineering Awards** showcases the year's best projects by ACEC members before an audience of industry leaders and key stakeholders. It makes ACEC one of the highest profile industry associations in Canada. For information on entering a project in the awards, visit www.canadianconsultingengineer.com.
- ❖ We **partner with other organizations** and support programs that provide opportunities to raise the profile of consulting engineering to clients, politicians and other industries. Some of our partners include the Federation of Canadian Municipalities, industry and professional associations and federal government departments and agencies.
- ❖ Our **Engineering Legacies** multi-media student outreach campaign showcases consulting engineering as the career of choice for engineering students. Since 2009, ACEC and its Member Organizations have made **presentations to over 5,000 engineering students** across Canada. Visit www.engineeringlegacies.com
- ❖ We are a founding partner of the **Canadian Engineering Leadership Forum** (CELFF), which brings the entire engineering profession together to advance the profession as a collective.
- ❖ Canada is one of the strongest and most influential voices in the **International Federation of Consulting Engineers** (FIDIC) with ACEC members playing key roles on the Executive Committee, the Business Practices Committee and annually on the conference program.
- ❖ We work with the Department of Foreign Affairs and International Trade and with Export Development Canada to help ACEC members explore **international market opportunities**.



We **advocate** for a better business and regulatory climate for the consulting engineering sector by influencing government, clients and other stakeholders.

- ❖ Our annual **Parliament Hill Day** provides opportunities for representatives of ACEC members to meet face-to-face with federal politicians on issues of major importance to our industry.
- ❖ We monitor federal **government bills, regulations, programs and policies**; and we develop position papers and briefing notes that support ACEC policies.
- ❖ ACEC staff meets regularly with **federal politicians from all parties** and with key decision makers in the civil service on priority industry issues.
- ❖ ACEC presents to **House of Commons committees** including Finance, Government Operations and Transportation and Infrastructure.
- ❖ ACEC participates in the **Federal Budget** "lock-up" each year and, within hours, reports on how the budget impacts consulting engineers and their clients.
- ❖ We hold **regular liaison meetings with federal government departments and agencies**.

We are the **recognized authority** for national industry issues and business practices.

- ❖ We work with our members, insurance experts and leading industry lawyers to provide a suite of **professional service agreements** for consulting engineering companies and their clients.
- ❖ ACEC represents the consulting engineering sector on the **Construction Industry Consultative Committee** (CICC) and the **Canadian Construction Documents Committee** (CCDC).
- ❖ ACEC participates in the **Canadian Infrastructure Report Card**, the **National Round Table on the Environment and the Economy** and the **Institute for Building Information Management** in Canada.
- ❖ We are an official supplier of **ACEC, FIDIC and CCDC documents**. Members may also access documents from the American Council of Engineering Companies at members' prices.
- ❖ We monitor **industry trends** through ACEC's Business Benchmarking survey, Compensation and Benefits survey, Client survey, and identify relevant external statistics and surveys
- ❖ We develop or contribute to reference materials and best practices for use by our members and their clients including **Understanding P3s in Canada** by ACEC and **Best Practice: Selecting a Professional Consultant** by InfraGuide
- ❖ Our **Annual Summit** offers industry leaders and young professionals a business program focusing on key industry issues, business practices, forecasts and emerging trends. These leaders also share experiences and ideas through Principals' Roundtables.
- ❖ We leverage **international relationships** with the American Council of Engineering Companies and FIDIC to observe trends and stay current on best practices in the industry.
- ❖ We offer relevant **training and seminars** to help principals, senior management and project managers make their projects and their firms more successful.

We strive to **enhance communications** with members and stakeholders.

- ❖ Our Chairman and President conduct a **national tour** of Member Organizations to solicit industry feedback on issues and trends.
- ❖ We **work cohesively with its Member Organizations** to deliver products and services to our members.
- ❖ We are **improving and modernizing our communications tools**.
- ❖ We use **social media** to build the profile of the association and engage with members, stakeholders, government and engineering students.

2013 Highlights: What we are achieving for our members

Developing a Long-term Infrastructure Plan

During Parliament Hill Day in 2012, ACEC representatives from across Canada met with over 40 Members of Parliament to voice the association's support for a long-term infrastructure plan. ACEC also made a formal pre-budget submission to the House of Commons Standing Committee on Finance in support of the government's commitment to a long-term infrastructure plan for Canada.

Working with its provincial and territorial Member Organizations, ACEC was prominent at regional infrastructure roundtables across Canada organized by federal Infrastructure Minister Denis Lebel.

The result: The largest and longest federal infrastructure plan in Canadian history – On March 21st in the House of Commons, the Honourable James Flaherty, Minister of Finance, tabled the federal government's budget, Economic Action Plan 2013. With a focus on job creation, economic growth and long-term prosperity, the budget introduces new initiatives including the largest and longest federal infrastructure plan in Canadian history. In committing to a long-term infrastructure program, the federal government has adopted a number of recommendations put forth by ACEC and its many partners.

Saving Firms Millions in Financial Guarantees

Pressure from ACEC and the Canadian Council of Independent Laboratories (CCIL) **stopped a Canadian Nuclear Safety Commission (CNSC) proposal to require over \$14 million in financial guarantees** from users of nuclear devices such as densometers to ensure their safe disposal. This would have imposed a significant financial burden on many ACEC firms in possession of licenced devices.

Fixing the New West Partnership Trade Agreement

ACEC and the consulting engineering sector are taking a leadership role in promoting interprovincial trade rules that will improve our industry's ability to provide value to taxpayers and improve the quality of life of all Canadians.

Improving Opportunities to Participate in Foreign Aid

ACEC has long advocated that Canada's foreign aid programs return to an emphasis on community and economic infrastructure that helps create long-term self-reliance. In November 2012, **the federal government made a commitment to refocus Canada's foreign aid priorities** to foster an environment in which the private sector and non-government organizations (NGOs) can work side by side, leveraging their respective strengths and expertise.

Improving Public Procurement

ACEC believes that selecting engineering consultants based on quality and qualifications provides the best long-term value to clients. That is why ACEC encourages the use of InfraGuide Best Practice for Selecting a Professional Consultant and the use of qualifications-based selection (QBS).

ACEC made significant progress with Defence Construction Canada (DCC) in terms of changes to the way in which proposals are evaluated and scored. These **changes will improve the quality of engineering services by reducing the influence of price in proposal evaluation**. Early results suggest the changes have been successful. DCC will continue to work with ACEC to promote the importance of quality over price to other public clients.

Supporting Business Practices

- ❖ **Three new ACEC standard forms of agreement** are ready for release:
 - ACEC Document 35 - Project Management
 - ACEC Document 36 - Agreement of Studies and Reports
 - ACEC Document 39 - Agreement between Owner and Owner's Engineer for Design/Build
- ❖ **Training on ACEC Documents and Contracting Practices** ACEC will be working with Design Firm Services (DFS) on one-day seminars on best contracting practices.
- ❖ ACEC has **endorsed two new CCDC contracts**:
 - CCDC 14 – Design-Build
 - CCDC 15 – Construction Management

Taking Positions on Public Policy

- ❖ **Licensing of Engineering Technicians and Technologists** The Board struck a task force and approved a policy statement on this issue that technicians and technologists are important contributors to the consulting engineering industry and that allowing appropriately qualified technicians and technologists to perform Professional Engineering within defined scopes of practice strengthens the consulting engineering sector. However, ACEC believes that the regulation of engineering by all practitioners must fall within the same provincial/territorial legislation that defines and regulates the practice of Professional Engineering.
- ❖ **Oil and Gas Pipelines** In response to suggestions by some ACEC members, ACEC staff are developing a policy in support of responsible development of oil and gas infrastructure such as pipelines.
- ❖ **Charbonneau Commission** ACEC and AICQ will be interested in any lessons to be learned from the Inquiry and will consider any resultant recommendations, so that we may strengthen our industry and our profession in the future.

Key strategies for 2013-2014 include:

- ❖ Engaging private sector organizations that represent clients of consulting engineering firms and/or that impact the business and regulatory climate for consulting engineering.
- ❖ Engaging and empowering the membership through communications and opportunities for member participation.
- ❖ Delivering and demonstrating value to members.

ACEC-British Columbia Events

Since the 2012 Annual General Meeting ACEC-British Columbia has held a total of 32 events –

June 19	YPG Breakfast Seminar <i>Effective Communications Through Technical Writing</i>
September 19	YPG Breakfast Seminar <i>ACEC-BC, Advocacy & the Importance of Being Engaged</i>
September 21	YPG Victoria Breakfast Seminar <i>Client Relationships and Management</i>
September 21	ACEC-BC Vancouver Island Golf Tournament
September 27	YPG Kelowna Breakfast Seminar <i>ACEC-BC, Advocacy & the Importance of Being Engaged</i>
September 28	4th Annual Okanagan Golf Tournament
October 2	Fraser Valley Mixer
October 10	Richmond-Delta Mixer
October 23	YPG Breakfast Seminar <i>Understanding Privileged Communications and Record Keeping</i>
October 24	Burnaby-New Westminster Mixer
November 6	North Shore Mixer
November 8	Vancouver Island Mixer
November 9	YPG Victoria Breakfast Seminar <i>ACEC-BC, Advocacy & the Importance of Being Engaged</i>
November 10	YPG Consultant's Contraption
November 13	Professional Development Seminar
November 21	YPG Breakfast Seminar <i>Life of a Lawsuit – Acceptable and Unacceptable Risk</i>
January 15	YPG Breakfast Seminar <i>A Culture of Consulting Excellence – Meeting the client's needs</i>
January 17	YPG Victoria Breakfast Seminar <i>Conflict in the Workplace</i>
February 6	TransLink Mixer
February 7	YPG Kelowna Breakfast Seminar <i>Effective Communications Through Technical Writing</i>
February 13	Building Client Relationships Through Effective Agreements
March 1	YPG Breakfast Seminar <i>APEGBC's Mentoring Program – Benefits of Mentoring</i>
March 7	BC Hydro Mixer
March 12	YPG Victoria Breakfast Seminar <i>Major Project Delivery</i>
April 6	2013 Awards Gala
April 17	Metro Vancouver Mixer
April 18	Awards for Engineering Excellence Road Show Launch
April 18	2013 Road Show Launch
May 1	Surrey-Langley Mixer
May 15	13th Annual Golf Tournament
May 23	YPG Victoria Breakfast Seminar <i>Engineer to Manager – What You Need to Succeed</i>
May 30	YPG Okanagan Breakfast Seminar <i>Creating a Culture of Success – How YPs can Improve their Work Environment through Openness</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
- ❖ Transportation
- ❖ Natural Resource, Energy and Industry
- ❖ 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:

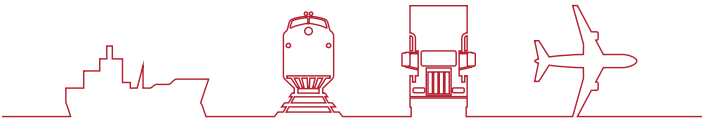
June 20 – July 4	University of Victoria
July 4 – July 20	Swartz Bay Ferry Terminal
July 26 – August 12	Tsawwassen Ferry Terminal
August 13 – September 3	District of North Vancouver
September 4 – September 25	Township of Langley
October 8 – October 26	City of Coquitlam
November 1 – November 23	UBC Okanagan
November 27 – December 14	Kelowna City Hall
January 30 – January 31	Delivering the Goods Conference
February 8 – March 1	Surrey City Centre Library
March 4 – March 22	BCIT
April 6 – April 7	ACEC-British Columbia Awards Gala
April 14 – April 27	Pendulum Gallery
April 29 – May 20	Richmond City Hall

Projects entered in the Municipal Category were also displayed at ACEC-British Columbia Municipal Mixers and several external events, such as the MMCD/MED Annual General Meeting.

Online Awards Road Show

The project display boards from the 2013 Awards competition can be viewed online at www.acec-bc.ca/awards.aspx

Transportation Conference



Delivering the Goods Transportation Conference 2013

ACEC-British Columbia worked with the Ministry of Transportation and Infrastructure, and TransLink to develop **Delivering the Goods**, a one day conference focusing on transportation infrastructure enhancing the movement of goods across the Pacific Gateway. Held January 30th, 2013 at the Fairmont Waterfront Hotel, Vancouver, the conference provided a number of sessions of interest to consultants, TransLink and Ministry staff, including:

- ❖ a morning guided tour of port facilities along the Burrard Inlet.
- ❖ presentations including:
 - Natural Gas Opportunities for British Columbia
Doug Bloom, President, Canadian LNG, Spectra Energy
 - TransLink's Goods Movement Initiatives
Sany Zein, Director of Roads, TransLink
- ❖ luncheon keynote address by *Jacquie Dawes, Assistant Deputy Minister, Transportation Policy & Programs Dept., BC Ministry of Transportation and Infrastructure,*
- ❖ afternoon sessions in two streams – *Northern Connections,* and *Southern Links.*
- ❖ reception and Deputy Minister's Awards Dinner, attended by Hon. Mary Polak, Minister of Transportation and Infrastructure.

13th 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. For the second year, the tournament was held at the Northview Golf & Country Club in Surrey, offering two 18 hole courses to accommodate the 210 participants. A portion of the tournament proceeds were donated to Make-A-Wish® Foundation of British Columbia and Yukon.



4th Annual Okanagan Golf Tournament

ACEC-British Columbia held the fourth Okanagan Golf Tournament at Harvest Golf Club on September 28th, 2012. The tournament was well attended, with more than 40 players taking part.

2nd Vancouver Island Golf Tournament

The second Vancouver Island Golf Tournament was held at Olympic View Golf Club on September 21st, 2012. About 30 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 Ltd.
- The Association of Professional Engineers and Geoscientists of BC
- Aplin & Martin Consultants
- Associated Engineering
- Applied Science Technicians & Technologists of BC
- B&B Contracting Group / B&B Heavy Civil Construction
- BA Blacktop Ltd.
- Bay Wealth Management / Investors Group
- BC Business Magazine
- BCIT School of Construction and the Environment
- BC Road Builders & Heavy Construction Association
- BFL CANADA Insurance Services Inc.
- R.F. Binnie & Associates Ltd.
- Buckland & Taylor Ltd.
- Bull Houser
- Canadian Home Builders' Association Central Okanagan
- CH2M HILL
- CIMA Canada Inc.
- Construction Business Magazine
- Delcan
- Dentons Canada LLP
- DSI Dywidag-Systems International Canada Ltd.
- ENCON Group Inc.
- exp Services Inc.
- Focus Corporation
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Ledcor CMI Ltd., BelPacific Excavating & Shoring LP, and Vancouver Pile Driving Ltd.
- Golder Associates Ltd.
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- Opus DaytonKnight Consultants
- Opus International Consultants (Canada) Limited
- PACE Group
- Park Insurance
- PBA Engineering Ltd.
- Port Metro Vancouver
- Singleton Urquhart LLP
- Southern Interior Construction Association
- Stantec Consulting
- Thurber Engineering Ltd.
- Urban Development Institute – Okanagan Chapter
- Urban Systems Ltd.
- Vancouver Airport Authority

Awards for Engineering Excellence

Since its inception 24 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 510 guests joined us in celebrating the engineering achievements of ACEC-BC members. We were very pleased to welcome Hon. Mary Polak, Minister of Transportation and Infrastructure as our special guest speaker at the gala. The 32 submissions in the awards competition were on display at the gala, launching the 2013 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 Ausenco with Bush, Bohlman & Partners Ltd., GENIVAR and Read Jones Christoffersen Ltd. for the **Seismic Retrofit Guidelines** for the Performance-based Seismic Risk Assessment and Seismic Retrofit Design of BC School Buildings.



In 2004, the Ministry of Education initiated a \$1.5B seismic mitigation program for public school buildings. The Association of Professional Engineers and Geoscientists of BC was retained to manage the development of performance-based technical guidelines for use in seismic risk assessments and the production of cost-effective retrofit designs.

The collaboration between government, academia and the engineering community resulted in 300+ page manual and companion tool - a unique state-of-the-art web-based Seismic Performance Analyzer.

The Analyzer accesses a database containing millions of non-linear incremental dynamic analyses for different structural systems and high-risk partition walls, evaluated for earthquakes expected to occur in BC. With province-wide consistency, users can quickly determine the seismic risk of an existing building, and optimize retrofits to achieve "life-safety" seismic performance.

As recently noted by Dr. Robert Hanson, PE, technical adviser to the United States' Federal Emergency Management Agency, these guidelines are "... a significant contribution to the tools of the international community in reducing life loss from earthquakes."

Awards of Excellence



UBC Faculty of Pharmaceutical Sciences Building
Glotman Simpson
Consulting Engineers



South Fraser Perimeter Road – Eastern Section
Stantec Consulting Ltd. and exp Services Inc.



Bridgeview Sewer System
AECOM Canada Ltd.



Wilson Farm Habitat Enhancement
Kerr Wood Leidal Associates Ltd.



Seismic Retrofit Guidelines
Ausenco with Bush, Bohlman & Partners Ltd., GENIVAR and Read Jones Christoffersen Ltd.

Awards of Merit

- ❖ Tsingtao Pearl Visitor Centre
Fast + Epp
- ❖ Harvest Energy Garden
Opus DaytonKnight Consultants Ltd.
- ❖ 202 Street Bus Rapid Transit Project
Hatch Mott MacDonald with MMM Group, Delcan, McElhanney Consulting Services, and CMS Focus
- ❖ Gibraltar Development Plan 3
Ausenco
- ❖ Deh Cho Bridge - Bridging New Opportunities
Associated Engineering

Meritorious Achievement Award



The recipient of this prestigious award in 2013 is **John Watson**, P.Eng, FEC.

John worked for Wright Engineers Limited (now Fluor Daniels Inc.) from 1971 to 1992. He then moved to H.A. Simons (now AMEC) for a number of years and currently operates Tranquille Management Inc., a project and engineering management firm.

During his time at Wright Engineers he was assigned to oversee the \$500 million Key Lake Uranium Project in Saskatchewan, the largest project ever awarded to Wright. When Fluor acquired Wright Engineers in 1988, it was John's leadership, understanding, commitment and personal integrity that enabled the firms to work through a successful integration, merging the two corporate cultures.

In 1990, John began a lengthy volunteer role with the Vancouver International Airport Transition Advisory Group, illustrative of his industry leadership.

In 2004, John was appointed as a Director on the BC Safety Authority's inaugural Board. John was the initial Chair of the Authority and oversaw many significant achievements during his term. More recently, John has volunteered his time as a member of the BC Arbitration and Mediation Institute.

As a Life-Honourary Practicing Member of APEGBC, John has served on a broad range of APEGBC committees, task forces, and as a Director, Vice-President and President. In 2007, John received APEGBC's Professional Service Award, and in 2008 John was honoured as a Fellow of Engineers Canada.

In June 2004, John received a Certificate of Appreciation from ASTTBC for Leadership in Promoting the Engineering and Geoscience Team. This was an acknowledgement of John's consistent giving of his time and talents to the Association.

From 2003 to 2005, John served on CCPE (now Engineers Canada) Audit Committee and the Task Force on Technicians & Technologists, both as a Member and Chair.

John was President of CEBC (now ACEC-British Columbia) in 1988/89. During his term as President he led three important changes which have helped ACEC-British Columbia grow and mature as an organization:

- ❖ formation of a Ministry of Transportation and Highways Liaison Committee, to improve government relations;
- ❖ an updated dues formula was introduced, achieving three goals: hiring a full-time Executive Director, upgrading CEBC premises, and increasing CEBC visibility; and
- ❖ collaboration between CEBC and APEGBC to create province-wide fee guidelines and to promote Quality Based Selection.

John Watson is a most deserving recipient of the 2013 ACEC-British Columbia Meritorious Achievement Award.

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 2013 Young Professional Award is **Selena Wilson**, P.Eng. of McElhanney Consulting Services Ltd. Selena has seven years of professional experience working in the transportation sector, including Design-Build and P3 projects.

Selena Wilson graduated in 2005 and joined McElhanney after having spent the previous three summers working there. She quickly took on small, local projects, and progressed to increasingly larger assignments, specializing in major transportation design/build and P3 projects, leaving her mark on such projects as the Horseshoe Bay Interchange, the Golden Ears Bridge Northern Approach Roads and the Port Mann/Highway 1 Improvement Project.

In addition to her professional career, Selena Wilson has maintained a high profile in her volunteer efforts on behalf of the consulting engineering industry - locally, nationally and internationally. Last year, she was featured in the December 2012 Canadian Consulting Engineer magazine, *Seven Inspiring Engineers*, alongside some of Canada's other top consulting engineering talent.

Chairman's Award



The Chairman's Award was established to recognize, celebrate and applaud an individual who has provided exceptional support to our industry and our association in achieving our goals.

The inaugural presentation of this award recognizes **Hon. Ralph Sultan**, P.Eng., Minister of State for Seniors.

Minister Sultan has for many years provided our association with invaluable advice, guidance, and support in our efforts to deal with a number of key issues of importance to the consulting engineering industry in British Columbia.

Among these, most notable are his efforts that resulted in long sought for changes to the BC Limitation Act, reducing the ultimate limitation period from 30 years to 15 years, and clarifying the start time as the date of the act or omission that gave rise to the action.

The dedication, support and exceptional leadership displayed by Minister Sultan have helped our association on many fronts.

Treasurer's Report



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

The Treasurer's report summarizes the financial status of ACEC-British Columbia as of March 31, 2013, which is the fiscal year end of the organization. The report also provides a brief summary of the 2013/2014 fiscal year budget.

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

Assets reported in the balance sheet at the beginning of the fiscal year were \$567,490 as compared to \$303,116 at the end of the fiscal year.

The actual and budgeted revenue and expenses for the 2012/2013 fiscal year are as follows:

Item	Actual	Budget	Variance
Revenue	\$699,793	\$838,650	(\$138,857)
Expenses	\$929,074	\$921,830	(\$7,244)
Net	(\$229,281)	(\$83,180)	(\$146,101)

The fiscal year ended with a deficit of (\$229,281) versus a budget deficit of (\$83,180). The difference is a direct result of the following key factors:

- ❖ Revenue, expenses and net income from the budgeted Awards gala were not included in 2012/2013 fiscal year results as the gala was ultimately scheduled for April 2013, after year end.
- ❖ Costs associated with recruitment of a new President & CEO, and the engagement of an interim Executive Director during the recruitment process.

As noted above, the single most significant issue over the course of the last fiscal year that affected the financial position was the decision to recruit a new President & CEO, and the need to engage an interim Executive Director during this process. The costs associated with this process, which were not anticipated when the budget was prepared in 2012, totaled to approximately \$207,702.

ACEC-British Columbia also continued on with government relations efforts over the course of the year, which culminated in the passing of more favourable Limitation Act conditions.

The Board of Directors has approved the 2013/2014 fiscal year budget, and anticipates a slight surplus with anticipated total revenues of \$968,600 and total costs of \$966,450, which would result in a surplus of \$2,150.

Corporate Members

AC Eagle Enterprises Ltd.
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AECOM Canada Ltd.
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Applied Engineering Solutions Ltd.
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Ausenco Engineering Canada Inc.
BBA Inc.
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Northwest Hydraulic Consultants Ltd.
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Opus International Consultants (Canada) Limited
Paragon Engineering Ltd.
PBA Engineering Ltd.
Piteau Associates Engineering Ltd.
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RKTG Associates Ltd.
RWDI AIR Inc.
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SCS Materials Engineers Ltd.
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Wylie-Crump Limited

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