



ASSOCIATION OF CONSULTING  
ENGINEERING COMPANIES  
BRITISH COLUMBIA

# Association of Consulting Engineering Companies – British Columbia Annual Report 2011 - 2012



[www.acec-bc.ca](http://www.acec-bc.ca)



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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 88 firms employing 8,200 people in British Columbia. The number of member firms has dropped in recent years because of the tremendous growth in the industry that 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.

The Charter of Membership will be updated and signed by ACEC British Columbia members at the 2013 Annual General Meeting.

## 2011-2012 Directors

President	Doug Hinton, P.Eng.	Hatch Mott MacDonald
Vice-President/Treasurer	Steve Fleck, P.Eng. MBA	Stantec Consulting Ltd.
Designated Director	Cameron Gatey, P.Eng.	Urban Systems Ltd.
Past President	Jack Lee, P.Eng.	Opus DaytonKnight Consultants
Municipal Engineering Committee Chair	Martyn Bayne, P.Eng.	EBA, a Tetra Tech Company
Vancouver Island Liaison	Steve Bean, P.Eng.	Thurber Engineering
ACEC Director	John Collings, P.Eng.	Collings Johnston Inc.
Contract Language Task Force Chair	Mike Currie, P.Eng.	Kerr Wood Leidal Associates
Business Practice Committee Chair	Neil Ferguson, P.Eng.	Hatch Energy
Governance Task Force Chair	Catherine Fritter, P.Eng.	Moffatt & Nichol
Building Engineering Committee Chair	Fadi Ghorayeb, P.Eng.	Jones Kwong Kishi
Transportation and MMCD Director	Martin Jobke, P.Eng.	Associated Engineering
Okanagan Liaison	James Kay, P.Eng.	Aplin & Martin Consultants
Resource & Energy Committee Chair	Ken Wiecke, P.Eng.	AMEC

## 2011-2012 Ex Officio Directors

Young Professionals Group Chair	Allison Clavelle, P.Eng.	Urban Systems Ltd.
ACEC Director	Chris Newcomb, P.Eng.	McElhanney Consulting Services

## 2011-2012 Executive Committee



Doug Hinton, P.Eng.  
President



Steve Fleck, P.Eng. MBA  
Vice-President/Treasurer



Cameron Gatey, P.Eng.  
Designated Director



Jack Lee, P.Eng.  
Past President



Glenn Martin, CAE  
Executive Director

## President's Report



This has been a very active year for ACEC-BC with additional initiatives such as the name change, new website, and new Ultimate Limitation Period legislation (ULP). The 2011-12 year began with a bit of a slowdown in infrastructure project work. This brief slowdown in the infrastructure area was replaced by new work in the commodity/mining sectors. Overall we saw the number of engineers and techni-

cians/technologists working for ACEC-BC Member Firms increase over this year.

The year started with the ACEC-BC Strategic Planning Session at the Chateau Fairmont Hotel in Whistler on June 17th and 18th, 2011. Our Mission and Vision remained unchanged, but three primary Strategies were identified:

1. Increase our Ability to Influence.
2. Improve Board Effectiveness and Member Follow-Through on Commitments.
3. Ensure Association Finances are Adequate to Meet Its Strategic Needs.

Some work was done in achieving these initiatives throughout the 2011-2012 year, but further efforts in this regard will continue into year 2012-13. Also at Whistler, at a Special Board meeting, we became officially known as the Association of Consulting Engineering Companies – British Columbia and were registered under this name on July 23, 2011.

In the ACEC-BC office, Sarah Tavares left ACEC-BC and was replaced in January 2012 by Marketing Coordinator Dave Rockliff.

With the formation of the new Liberal Government under Christie Clark, ACEC-BC began a campaign to get the new name more recognizable throughout the Province. In September, ACEC-BC staffed a booth at the UBCM Trade Show in the Vancouver Trade and Convention Centre. Our booth slogan, used to begin the roll-out of the new name, was "We're changing our name, but nothing else". The name change was officially launched at the ACEC-BC Awards Gala on March 31, 2012.

Under the new Government, Premier Christie Clark encouraged the submission of Private Members Bills. MLA Ralph Sultan took advantage of this opportunity to submit a Private Member's Bill to revise the Limitation Act, and to reduce the Ultimate Limitation Period (ULP). The Private Member's Bill introduced by Ralph Sultan opened up the opportunity to approach Government on behalf of ACEC-BC and encourage government to finally change this outdated legislation. On September 15 2011 ACEC-BC Vice President Steve Fleck and I presented to the BC Legislature Standing Committee on Finance and Government Services. This joint Liberal and NDP committee recommended to Government, that the Act needs to be changed. In addition to this, ACEC-BC organized MLA events in Victoria on October 19, 2011 and again on March 27/28, 2012 to further revisit this issue with Liberal and NDP MLA's. Finally, on Thursday, April 26, 2012 Bill 34 – Limitation Act passed third and final reading. This new Act makes significant changes to the old Act, the most significant being the reduction of the Ultimate Limitation Period to 15 from the date of the event giving rise to the action.

ACEC-BC's Bylaws were updated and circulated to Voting Members for comments. A Special General Meeting is scheduled to take place on June 7, 2012 just before the AGM to approve these revised Bylaws. I would like to thank the Bylaw Task Force, chaired by Cameron Gatey.

The Past Presidents Dinner was held on November 29, 2011 at the Sutton Place Hotel. Based on a letter sent in October 2011 from ten senior staff representing large ACEC-BC based consulting firms, we spent the majority of our time in an open discussion regarding this letter. The discussion focused on problems of typical Client Agreements, such as unfavour-

able terms, indemnification wording, liability limits and intellectual property. It was agreed to set-up a Task Force under Mike Currie's leadership to determine a strategy and action plan for addressing these concerns.

ACEC-BC participated as a stakeholder at the February 2012 Budget Lock-up and issued a report to the media on ACEC-BC's opinion and position on the budget. The Budget featured continued investment in infrastructure projects with \$10.7 Billion in funding over the next three years.

A Board Governance Workshop took place on Wednesday, March 8, 2012 at the Fairmont Vancouver Hotel. The morning was spent reviewing the Board's role and responsibilities and best practices in governance, while in the afternoon we reviewed the twenty best practice Board policies and how these could be adapted within ACEC-BC.

On April 2, 2012 the Executive Committee met with our counterparts from Consulting Engineers of Alberta, Consulting Engineers of Saskatchewan and Consulting Engineers of Manitoba. This was our fifth annual meeting with the western provinces to discuss issues and to provide updates on the consulting engineering industry in our respective provinces.

ACEC-BC continued hosting mixers and events in 2011-2012. ACEC-BC held 13 mixers, 1 educational session plus the Ministry of Transportation and Infrastructure Conference in January 2012. The Shifting Modes Transportation Conference was well attended with over 282 participants, a record number, and included a tour of the new Port Mann Bridge. The Young Professionals Group (YPG) continued to be active and excel in their volunteer work, hosting 11 events for the young professionals.

As always, the year's highlight was ACEC-BC's Annual Gala with 49 submissions for the Awards of Engineering Excellence. There were 10 winners in five categories. Attendance was a record high with 610 people in attendance at the Vancouver Bayshore Hotel. The awards submission posters are being exhibited in a Road Show at key venues throughout British Columbia.

ACEC-BC supported by Chris Newcomb continued to work to effect changes to the NWPTA (New West Partnership Trade Agreement). NWPTA now includes British Columbia, Alberta and Saskatchewan, and is working to include Manitoba in the near future.

The last couple of years, ACEC British Columbia has hired a government relations firm to assist as needed to improve our organization's image in the public and government sectors. On November 29, 2011 the Board approved hiring PACE Group to provide public/government relations services for ACEC-BC on a monthly retainer basis. This arrangement offers continuous services rather than dealing solely with specific issues. These services have contributed to improving ACEC-BC's position and recognition as the voice of consulting engineering business in B.C.

Glenn Martin, 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 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.

Sincerely,



Doug F. Hinton, P.Eng.  
President, Association of Consulting  
Engineering Companies – British Columbia

## Executive Director's Report



Well, we did it! After a few years of careful consideration on the merits of changing our name, the Consulting Engineers of British Columbia officially became the Association of Consulting Engineering Companies – British Columbia, on July 23rd, 2011. Rolling out the new name and developing a new brand were priorities until the official launch at the Gala, March 31, 2012.

Along with our new name and look came a new website. The new website engages our members through improved functionalities, and allows them to update contact information and receive interest-specific communications. Online registration and payment of events streamlines administration. And changing news features will be posted on the homepage to maintain interest.

### To Increase Our Ability to Influence

Efforts over the past year focused on achieving the first priority identified at the June 2011 strategic planning session: To increase our ability to influence. The following work helped to achieve this goal:

To reduce the Ultimate Limitation Period:

- ❖ Organized a coalition of 6 associations to share knowledge and gain support, with advice from MLA Ralph Sultan, West Vancouver-Capilano.

- ❖ Hired Pace Group, a government relations firm in January 2012. Their dedicated efforts helped secure meetings with:
  - The Honourable Shirley Bond, Minister of Justice and Attorney General on March 27th. She expressed confidence that ACEC-BC knew how to get things done!
  - Leonard Krog, the Opposition Critic to the Attorney General on March 27th.
- ❖ Bill 34 passed its third reading on April 26, 2012 reducing the ULP from 30 years to 15 years, from the date of the event giving rise to the claim.
- ❖ Neil Cumming, Levelton Consultants championed this cause for over 10 years.
- ❖ Played a key communications role between the Attorney General and the other associations.
- ❖ Attorney General's Bill 34 news release included a quote from ACEC-BC President Doug Hinton.

## Government Relation Days In Victoria

### October 21, 2011

The 5th annual Government Relations Day but with a difference. Individual meetings were held with Opposition and Government MLAs following the Breakfast that included 16 MLAs from both parties, and 48 ACEC-BC members. President Doug Hinton addressed the audience on infrastructure spending, procurement by QBS, the need to reduce the ULP, issues with the NWPTA and members contributions to the Premier's Jobs Plan. The Honourable George Abbott, Minister of Education, MLA Ralph Sultan, West Vancouver-Capilano, and Doug Donaldson, the NDP deputy critic also addressed the audience.



## March 27 and 28, 2012

To keep the ULP issue in front of Government and the Opposition, a second Breakfast was organized with Government MLAs, followed by a lunch with Opposition MLAs. The afternoon included meetings with Deputy Minister Don Fast, Ministry of Community, Sport and Cultural Development and Assistant Deputy Minister Ian Rongve, Ministry of Advanced Education. Later that evening, ACEC-BC hosted a small dinner reception with Ralph Sultan and Board members.

## The Engineers and Geoscientists Act

APEGBC proposed changes to the Engineers and Geoscientists Act that caused concern for ACEC-BC members because of the potential implications to businesses. The Ministry of Advanced Education later requested feedback from the consulting engineers, the architects and the foresters. A subsequent meeting with Assistant Deputy Minister Ian Rongve was held.

We also issued an advisory to our members on APEGBC's vote on the Motion that Council "consider.....withdraw(ing) the request for amendments that would allow Council to make changes to the Bylaws of the Association without the approval of 2/3 of the votes cast by ballot as required by the Act". The Motion passed and Council will consider this change.

## Municipal Government Influence

There are 154 municipalities and 27 regional districts in British Columbia, with vast differences in procurement practices and contract language. To influence this diverse client segment the following were accomplished:

- ❖ Meeting with Union of BC Municipalities Executive to discuss NWPTA.

- ❖ Participated as an exhibitor in UBCM Tradeshow at the fall conference
- ❖ Presentation to Local Government Management Association (LGMA)
- ❖ Participated as an exhibitor in LGMA Tradeshow
- ❖ Meeting with Don Fast, Deputy Minister, Ministry of Community, Sport and Cultural Development, responsible for municipalities and NWPTA
- ❖ The ACEC-BC Municipal Engineering Committee will organize an LGMA-type presentation to the Canadian Public Procurement Council and the Government Financial Officers Association

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. My warmest appreciation to all of you.

Sincerely,



Glenn Martin  
Executive Director

# Minutes of the 2010-2011 Annual General Meeting

held Thursday, June 9th, 2011 (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 Jack Lee. Glenn Martin confirmed that a quorum was present. Special guests George Haddow and John Chang, BC Hydro; Doug Kelsey, TransLink; Sarah Clark, Partnerships BC; Derek Doyle, APEGBC; and Serge Corbeil, Insurance Bureau of Canada were introduced.

## 2. Minutes of Annual General Meeting of June 9th, 2010

Jack Lee presented the minutes of the previous Annual General Meeting. Allan Russell moved that the minutes of the previous AGM be approved as presented. The motion was seconded by Robin Johnston. The motion was adopted.

## 3. Annual Report 2010-2011

Glenn Martin reviewed the annual report, highlighting the CEBC organization chart and committee reports. Glenn provided an overview of some of the accomplishments of the main line committees, and of the two regional liaison groups (Okanagan/Thompson and Vancouver Island).

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

- ❖ Board strategic planning session.
- ❖ Office relocation – green fit-up renovations.
- ❖ Government relations activities:
  - Government Relations Days.
  - several meetings with key Ministers, Deputy Ministers and ADMs to promote various issues to government.
  - attended the Budget lock up.
  - co-sponsored the Builder of the Decade Dinner, honouring Premier Gordon Campbell.
- ❖ Awards Road Show.
- ❖ Awards Gala.
- ❖ 30 member events, offering business development, networking and professional development to members, and raising the profiles of member firms.

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

## 4. Treasurer's Report for 2010-2011

Vice-President/Treasurer Doug Hinton presented the financial statements for 2010-2011.

Doug noted that this is the fifth year CEBC has been audited by E. Factor & Company, CGA.

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

- ❖ co-sponsorship of the Builder of the Decade Dinner, in recognition of Premier Gordon Campbell
- ❖ retaining Fleishman Hillard to assist with government relations and public relations planning
- ❖ green fit-up renovations of the new office

The 2010 Awards Gala was held in April, rather than March, to avoid conflicting with the Winter Olympics and Paralympics. As a result, we had the unusual situation of holding two gala events in one year.

Increased expenses were more than offset by the increases in revenues, including:

- ❖ higher dues revenues because of an increase in the total employment by member companies
- ❖ higher dues revenues because of a 2% rate increase
- ❖ higher attendance at events, and more events
- ❖ increased activity in investment accounts

Overall, there was a surplus of \$37,551 compared to a budgeted deficit of (\$5,070).

Doug Hinton provided an overview of the budget for the fiscal year 2011-2012. This will include a contingency allowance of \$10,000 for costs associated with the name change and new web site design.

Angus English moved that the 2010-2011 Financial Statements be approved as presented. Seconded by Neil Ferguson. The motion was adopted.

Doug Hinton moved that CEBC should continue to appoint E. Factor & Company, Certified General Accountant as the accountant and auditor for CEBC. The motion was seconded by Cameron Gatey. The motion was adopted.

## 5. Nominating Committee Report

Mike Currie presented the report of the CEBC Nominating Committee.

Nominated as CEBC Directors for four year terms are:

- ❖ Sheri Plewes, P.Eng., SNC-Lavalin (Vancouver);
- ❖ Cameron Gatey, P.Eng., Urban Systems Ltd. (Kamloops)

## 6. Election of Board of Directors

Allan Russell moved that the nominees recommended by the Nominating Committee should be elected as CEBC Directors for four year terms. The motion was seconded by Chris Newcomb. The motion was adopted.

## 7. Outgoing President's Remarks

Jack Lee noted several highlights of the past year:

- ❖ The year began with the ACEC Summit in St. Andrews, New Brunswick, which was a good learning experience.
- ❖ After responding to the 2010 white paper on the BC Limitation Act, the resignation of Premier Gordon Campbell put the issue of the ultimate limitation period (ULP) on hold. MLA Ralph Sultan introduced a private member's bill that would reduce the ULP from 30 years to 10 years, with the start time on the date of the alleged act or omission.
- ❖ CEBC members were well represented on APEGBC Council, and Frank Denton was acclaimed as APEGBC President.
- ❖ 2011 Fee Guidelines issued in January.
- ❖ CEBC attended the Budget lockup and organized a Government Relations Day in Victoria.
- ❖ The CEBC Awards Gala had record attendance of 586, with 50 project submission and 15 awards.
- ❖ Looking ahead, some of the important issues and challenges for the association will be:
- ❖ The CEBC by-laws will be reviewed by a task force chaired by Cameron Gatey.
- ❖ Issues related to TILMA/NWPTA continue to be a concern for our membership.
- ❖ Strategic planning with facilitator at retreat

Jack thanked the client organizations for their willingness to work with CEBC to maintain an open dialogue on issues of mutual interest. Jack thanked the CEBC staff, and Chris Martin for his contributions as a volunteer at many CEBC events. Jack thanked the CEBC Executive Committee and Board.

Jack presented gifts to outgoing Directors Donna Howes, P.Eng. and Karen Savage, P.Eng.

Jack introduced, and passed the gavel to incoming President Doug Hinton, P.Eng. of Hatch Mott MacDonald.

## 8. Incoming President's Remarks

Doug Hinton thanked the members for the honour of serving as their President.

Doug noted that, at the SGM earlier this afternoon, the membership has voted in favour of a resolution to change the name of the Society to "Association of Consulting Engineering Companies – British Columbia". ACEC British Columbia continues to represent the 90 most important consulting engineering companies in British Columbia, with a combined 7,000 total staff.

ACEC British Columbia will remain active on many issues in the year ahead, including:

- ❖ Qualifications Based Selection (QBS)
- ❖ RFP policy and contract language issues
- ❖ Consultant client mixers
- ❖ Private Sector liaison

Doug thanked Jack Lee for his leadership over the past year. Glenn Martin joined Doug in presenting a gift to Jack Lee.

## 9. Other Business

### Presentation by MLA Ralph Sultan on the BC Limitation Act

Ralph Sultan, MLA for West Vancouver–Capilano provided background on previous efforts to reform the BC Limitation Act. He also provided details of his recently introduced private member's bill that would reduce the ultimate limitation period (ULP) from 30 years to 10 years, and would clearly define the start time as the date on which the alleged act or omission occurred. Mr. Sultan credited Neil Cumming, P.Eng. with providing much of the leadership and ground-work in advancing this issue on behalf of the CEBC.

### Acceptance of Acts and Proceedings of the members of the CEBC Board of Directors

Chris Newcomb moved that all acts and proceedings of the Directors of CEBC 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 CEBC 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 Barry Singer. The motion was adopted.

### Past Presidents' Recognition Ceremony

A brief ceremony was held to recognize the Past Presidents of CEBC. Commemorative plaques were presented and each recounted highlights of his term as CEBC President. Those honoured at the ceremony were:

- ❖ Ross Walker, P.Eng. (CEBC Chairman, 1981-1982)
- ❖ Frank Leighton, P.Eng. (CEBC President, 1983-1984)
- ❖ Vince Borch, P.Eng. (CEBC President, 1986-1987)
- ❖ Gordon Leidal, P.Eng. (CEBC President, 1994-1995)
- ❖ Arnold Badke, P.Eng. (CEBC President, 2006-2007)
- ❖ Mike Currie, P.Eng. (CEBC President, 2009-2010)

## 10. Adjournment

Angus English moved that the 2011 CEBC Annual General Meeting be adjourned. Seconded by Martin Jobke. The meeting was adjourned.

# Building Engineering Committee

## 2011-2012 Annual Report



### Chair

Fadi Ghorayeb

### Vice-Chair

Guillaume Vadeboncoeur

### Members

Michael Carlino	Andrew Tashiro
Mark Layton	Graeme Terris
Clint Low	Met Ulker
John Peddle	

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. Some of these groups include the following:

- ❖ AIBC/Ministry of Health joint committee
- ❖ AIBC/Ministry of Education joint committee
- ❖ Public Construction Council

The following disciplines are represented on the Committee:

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

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 AIBC/Ministry of Health joint committee by Michael Carlino.
- ❖ Participation on the AIBC/Ministry of Education joint committee by Andrew Tashiro.
- ❖ Participation on the Public Construction Council by John Peddle.
- ❖ 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 to APEGBC and ACEC-BC board on discussions between APEGBC and ASTTBC relating to professional practice.

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, the 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 (e.g. OQM initiative, P.Tech. initiative, etc.)

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.

## MMCD Report



### ACEC-BC Representatives on the MMCD Board of Directors

Martin Jobke  
Scott Bilbrough

In late 2011 the MMCD Board held a strategic planning retreat to discuss the future objectives and direction of the organization. Both ACEC-BC and MMCD share many of the same challenges as not-for-profit organizations.

Marketing of the organization as well as promoting the documents and training materials were identified as key to the organization's future success.

The electronic versions of the MMCD documents are being widely accepted and this represents a significant proportion of the organization's revenues.

Most of the meetings utilize a virtual boardroom with members being video linked through web cams on their computers.

As Board members we take the opportunity to communicate our organization's issues (NWPTA, ULP, contract language) to solicit their support.

# Municipal Engineering Committee

## 2011-2012 Annual Report



### Chair

Adrian Corlett

### Vice-Chairs

Marc Winer

Gurjit Sangha

### Members

Calum Buchan

Nick Jimenez

David Chan

Albert Li

Ken Ferraby

Don McLean

Cameron Gatey

Natalie Tokgoz (YPG)

Dwight Heintz

Robert Warren

Mauricio Herrera

Roger Warren

Henry Ho

Ellen Yang (YPG)

The Municipal Engineering Committee represents member firms that provide engineering services to municipal and regional clients.

The objectives of the Municipal Engineering Committee are to:

- ❖ Develop and maintain business relationships with municipal and regional clients
- ❖ Promote QBS and standardized contract language
- ❖ Educate client organizations on the services and capabilities of member firms
- ❖ Represent members on specific procurement, contract language and other issues
- ❖ Provide a forum 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

Municipal Engineering Committee work this year:

- ❖ Mixer events were hosted with:
  - Burnaby/New Westminster
  - Tri-Cities (Coquitlam, Port Coquitlam, Port Moody)
  - Surrey/Langley
  - Metro Vancouver
- ❖ A very successful Sustainability Roundtable was held with the City of Vancouver. This followed a new format, developed with the City, where six member firms made presentations and answered questions on sustainable and energy-related projects. The roundtable was well attended by City of Vancouver staff, with a lot of interest in the topics. A second such event will be on next year's mixer schedule.
- ❖ A task force which included Municipal Engineering Committee members organized a presentation on May 17th to the Local Government Management Association (LGMA)

during their AGM in Victoria. Mike Currie (KWL), Owen Pawson (Miller Thomson) and Jeff McLellan (BFL) made a presentation on the topics of procurement, contract language and insurance. The presentation was tailored to respond to separate surveys of LGMA members and ACEC-BC member firms. The aim of the presentation was to deliver the message directly to the financial managers who set the procurement policies within public organizations.

- ❖ Member firms presented showcase projects at the MMCD/MED AGM in Richmond. Chris Newcomb made a presentation on ACEC-BC concerns with NWPTA (formerly TILMA).

## Metro Vancouver Subcommittee

The Metro Vancouver Subcommittee, chaired by Roger Warren, worked on the following issues during the year:

- ❖ EIC drawings issues
- ❖ Contract language, focusing on:
  - Patent and copyright
  - Limitation of liability and indemnification
  - Additional services
- ❖ Preparation of position papers on EIC drawings and contract language

Ongoing work for next year:

- ❖ Continue contact with LGMA to further discuss procurement and contract language
- ❖ Make similar presentations to the Government Finance Officers' Association (GFOA) and Canadian Public Procurement Council (CPPC)
- ❖ Increase participation by client organizations in mixer events. Review and revise the mixer format to include presentations by member firms, such as were included in the Vancouver Sustainability Roundtable, to offer information and create more interest for clients.
- ❖ Host the following mixers:
  - Fraser Valley (Abbotsford, Mission, Maple Ridge)
  - Richmond/Delta/Tsawwassen First Nation (postponed from this year)
  - Burnaby/New Westminster
  - North Shore/Squamish
  - Vancouver Sustainability Roundtable
  - Surrey/Langley
  - Metro Vancouver

# Resource & Energy Committee

## 2011-2012 Annual Report



### Chair

Ken Wiecke

### Members

Sabbir Ahmad	Charles Hunt
Bruno Bagneres	Meetal Khanderia
Scott Crozier	Lewis Macrae
David Daw	Greg McNeill
Cathy Fritter	Ron Monk
Doug Grimes	Patrick Stancombe
Herb Hawson	Terry Wong

### 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

### Focus of Committee

It was felt that the relationships between private energy and resource companies and ACEC British Columbia members was generally the business of the member firms and the committee would only get involved if requested.

BC Hydro will be the major focus of the committee. The underlying principle when 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-BC member firms.

The Provincial government is the other focus of the committee. There are generally 2 areas that the committee will communicate with the Provincial government, to have the provincial government influence BC Hydro and to have the Provincial government promote ACEC-BC Energy and Resource Member firms.

### Meeting with BC Government

An MLA breakfast was held in October 2011. Ken Wiecke attended the session and raised the following comments:

- ❖ the state of the Northern BC mining sector with opposition ministers present.
- ❖ discussed with the Minister of Advanced Education the state of BC universities in respect to their programs being designed to attract students instead of designing programs that align with the needs of society.

- ❖ discussed the Capital Regional District Project with Ida Chong.
- ❖ another such session is tentatively planned for late 2012.

## BC Hydro Steering Committee

### Members

Ken McKenzie      Jim Thomson      Darren Kahl  
ACEC-BC Resource & Energy Committee members

### General ACEC British Columbia/BC Hydro Objective

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

### Committee Objectives

- ❖ Build a strong relationship based on learning and information exchange
- ❖ Broaden the discussion between ACEC-BC/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/issues
- ❖ Surface relationship issues to be resolved, if possible, with support from the steering committee
- ❖ Encourage ACEC-BC/BC Hydro participation and exchange at all employee levels

A meeting took place in January 2012 with BC Hydro to discuss blanket agreements.

A BC Hydro mixer was held on February 29, 2012 at the Metrotown Hilton in Burnaby. 160 people attended.

Cathy Fritter attended BC Hydro's Safety By Design workshop. BC Hydro provided a good overview, and provided highlights of the workshop during the mixer. BC Hydro asked for feedback from ACEC-BC members in regards to its safety by design program as well as what other companies are doing with respect to similar programs. BC Hydro stressed during the workshop that consultants must include safety by design as part of any proposal. Safety by design will be part of the evaluation process in future.

Ron Monk attended the BC Hydro and Green Energy meeting to discuss energy supply plans. A preliminary action plan was issued in April 2012 and a draft report is to be issued in mid-2012.

## BC Hydro Procurement Subcommittee

Chaired by David Daw, the Procurement subcommittee has been working with BC Hydro on Q9-9165 Blanket Engineering contract that is coming out again. A Blanket Agreement for service provider RFP has been delayed.

The existing Blanket Agreement expired on March 31st 2012. This will now be extended until a new agreement has been signed.

## Transportation Committee

### 2011-2012 Annual Report



#### Chair

Martin Jobke

#### MoTI Liaison Steering Committee

Zane Sloan (Chair)

Steve Hobbs (Past Chair)

Bernie Teufele (Secretary)

Pat Cruickshank    Maurizio Ponzini

Darryl Matson

#### TransLink Liaison Steering Committee

Martin Jobke (Chair)

Bernard Abelson    Darrel Gagnon

Christian Babuin    Ron Lee

The Shifting Modes Transportation Conference was very successful, building upon previous conferences jointly sponsored by the Ministry of Transportation and TransLink. Planning for the 2013 conference is well underway.

The BC MoTI Liaison Committee-at-large continues to generate strong interest and support among member firms. In 2012 a number of discussions were held with representatives from MoTI with respect to support of the P3 model. Specifically, more input and dialogue into the contract language with respect to the role of the Engineer of Record and QA/QC.

During 2011-12, the TransLink sub-committee was re-established after organizational changes at TransLink. Meetings have been held on a quarterly basis. Recently the sub-committee has been collaborating on contract and RFP language as a primary focus. One of the goals is to have more consistent language within Planning and Engineering. TransLink maintains a pre-qualifications list which is updated from time-to-time at TransLink's request. This does not preclude member firms from submitting new or interim updates at any time.

The TransLink Mixer in February 2012 was well attended and was used as a platform to introduce David Beckley, Vice President, Engineering & Implementation.

During 2012 a Port Metro Vancouver sub-committee was established. Two meetings have been held to discuss composition, objectives, and on-going meeting schedules. The focus of the sub-committee will be to build a stronger understanding and working relationship with PMV.

The first Port Metro Vancouver mixer was held in 2012 and was well attended.

## Business Practice Committee

### 2011-2012 Annual Report



#### Past Chair

Neil Ferguson

#### Chair

Mike Dickens

#### Members

Jeremiah Boucher    Randy Hillaby

Kelvin Carey    Barry Singer

Brian Chatwin    Will Wawrychuk

Steve Croxford    Joel McAllister (YPG)

Dennis Gam

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;
- ❖ work with key client groups to improve business relationships.

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

- ❖ The BPC experienced a significant turnover in membership over the past year and a considerable effort was placed on re-examination of the committee goals and objectives. This has resulted in an update of the committee Terms of Reference and objectives;
- ❖ Prepared update of Engineering Fee Guideline;
- ❖ Reviewed the Contract Management Plan and developed concepts for revisions. This is on-hold pending feedback from the LGMA survey, and recommendations of the Contract Language task force;
- ❖ P3 subcommittee met bi-monthly and established Terms of Reference;
- ❖ Liaised with APEGBC to review Organizational Quality Management initiative;
- ❖ Worked with the Executive Director to assist member firms in resolving business issues with particular clients.

Ongoing committee initiatives include:

- ❖ annually updating the ACEC-BC Fee Guideline;
- ❖ review and update the existing guideline for Budgeting Engineering Services;
- ❖ work with Board Contract Language task force to examine Client contract issues and with consideration of the existing six Contract language position papers, establish a go forward plan;

*continued...*

- ❖ continue to pursue APEGBC Bulletin on signing/sealing of Record Drawings;
- ❖ review current QBS information and assemble into short form summary of the Guide to Selecting a Consulting Engineer;
- ❖ review and update the ACEC-BC QBS presentation;
- ❖ discuss and evaluate with the sub-committee Chair the viability of continuing the P3 subcommittee and review TOR;
- ❖ review and advise the board on potential position statement on Sustainability in Engineering Projects;
- ❖ initiate a review of the existing ACEC-BC Charter of Membership;
- ❖ initiate dialogue with CEA, CES and ACEC-Manitoba Business Practice committees;
- ❖ initiate dialogue with the YPG committee and consider a YPG presentation;
- ❖ Maintain liaison with the MMCD and the APEGBC Consulting Practice Committee.

## Membership Affairs Committee

### 2011-2012 Annual Report



**Chair**  
Karen Savage

**Vice-Chair**  
Marc Winer

**Members**  
Simon Lee (YPG)    Craig Stenhouse  
Don McLean        Charles Yao (YPG)  
Devinder Sambhi

Many thanks to Devinder Sambhi as his tenure with the Membership Affairs Committee came to an end when he relocated to Saskatchewan. CWA Engineers put forward a colleague, Craig Stenhouse, in Devinder's stead.

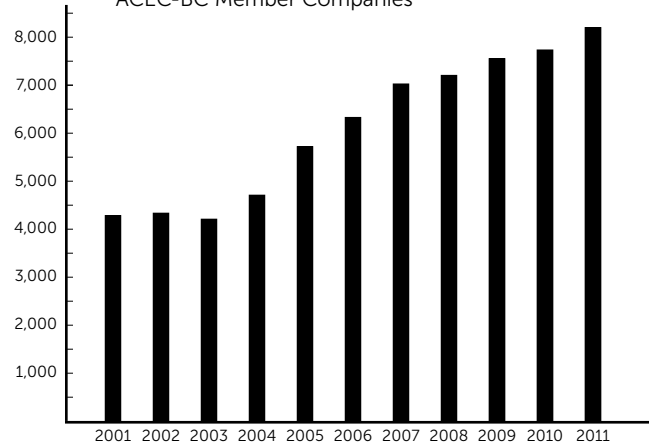
The Committee continues to meet with ACEC-BC staff with regard to tracking of membership engagement. Ensuring that all member firms are engaged at some level is important in order to maximize the opportunity for members to fully derive benefits of membership, to encourage sustainability of committee membership and develop an experienced cohort in the pipeline to Directorship.

The following new firms joined ACEC-BC following review of membership applications by this committee:

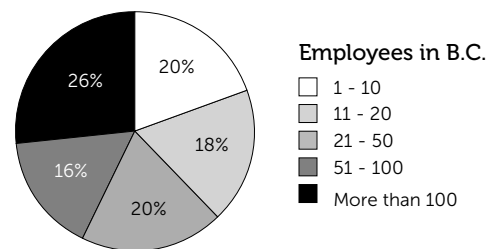
- ❖ MWH Canada Inc.
- ❖ North Berkeley Design & Construction

The committee reviewed the ACEC-BC newsletter and provided a report to the Secretariat.

**Total B.C. Employment**  
ACEC-BC Member Companies



**Profile (percentage of firms) by Total B.C. Employment**  
ACEC-BC Member Companies



## Young Professionals Group

### 2011-2012 Annual Report



**Provincial Steering Committee Chair**  
Allison Clavelle

#### Mission Statement

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

The Young Professionals Group (YPG) has continued to grow this year, providing even more opportunities for Young Professionals (YPs) at our member companies to learn about the business of consulting engineering, to network, and to celebrate the successes of our peers. The YPG represents individuals working for ACEC-BC member companies with up to 10 years experience in their applicable fields.



In the 2011 – 2012 year, the YPG have hosted more events, seen attendance continue to grow, and expanded our range of services across the Province. This year's activities included:

- ❖ Developed new committee structure and terms of reference.
- ❖ Established a Volunteer Bank that connects YPs to volunteering opportunities within ACEC-BC.
- ❖ Introduced Seasonal and Group Passes for Lower Mainland Breakfast Seminars.
- ❖ Held five breakfast seminars in Vancouver addressing communications, finance, and project management. A sixth breakfast seminar will finish the 2011 – 2012 year on June 19.
- ❖ Held four Breakfast Seminars on Vancouver Island. Topics covered were investing in your firm, dynamic leadership in project management, business and technical writing, and the role of engineers in society.
- ❖ Held two Breakfast Seminars in the Thompson Okanagan addressing finance and project management.
- ❖ Organized two social events in Vancouver, one on Vancouver Island, and three in Thompson Okanagan. One Thompson Okanagan pub night included UBCO students.
- ❖ Awarded the fifth annual Young Professional Award to Mike Homenuke P.Eng, Kerr Wood Leidal Associates Ltd.
- ❖ Submitted a nomination to ACEC-Canada's 2013 Allen D. Williams Scholarship Award.
- ❖ Participated in the 2011 ACEC Conference at the Château Montebello in the Outaouais Region of Quebec. Five British Columbia YPs attended and represented our group at the YP National Forum Round Table.
- ❖ Contributed to the development of the ACEC YP Network and elected a BC representative for the network.
- ❖ Participated in the 2011 FIDIC Conference in Davos, Switzerland, with three ACEC-BC YPs in attendance.

The YPG owes its success this year to our existing Steering Committee members and volunteers. Many of our long standing members are stepping down this year to make room for new volunteers. I would like to thank Ali Hussain, Jeff Towers, Mike Cetnarowski, Patrick Stancombe, Sandro Ricci, and Steve Bassel for their hard work and insight during their time as Steering Committee members.

In April, the Board approved a new committee structure for the YPG Steering Committee. This new structure formalizes the operations of the Lower Mainland, Okanagan, and Vancouver Island Regional Steering Committees and creates a new, overarching Provincial Steering Committee. This new structure will allow the YPG to deliver even more events, improve communications, and deliver a unified, provincial program that also meets the unique needs of each of our regional groups. Plans for next year include:

- ❖ Extending the Breakfast Seminar Seasonal Passes to our Okanagan and Vancouver Island members.

- ❖ Improved communication through the establishment of office YPG liaisons at member companies.
- ❖ A quarterly YP newsletter with important ACEC and industry information, tailored for YPs.
- ❖ Partnering with UBC and UBCO to support engineering and science for kids camps.

In 2011 – 2012, we continued to see more participation at ACEC-BC YPG events and interest in activities and governance. Twelve new volunteers submitted applications to be on the 2012 – 2013 YPG Steering Committee and positions were confirmed on May 1, 2012. The committee utilizes the new structure, with a Provincial Steering Committee setting overall objectives and strategies, while the Regional Steering Committees deliver programs and services to our members.

**Provincial Steering Committee**

- Chair: Allison Clavelle
- Okanagan Chair: Anne Girtz
- Vancouver Island Chair: Mark Byram
- Past Chair: Joel McAllister
- Lower Mainland Vice-Chair: Charlie Yao
- Communications: Trever Gatto
- PD/Education: Daniel Freidman

**Lower Mainland Committee**

- Chair: Allison Clavelle
- Vice-Chair: Charlie Yao
- Past Chair: Joel McAllister
- Communications: Joanne Slazyk
- PD/Education: Siobhan Holladay
- Networking: Justin Cheng
- Volunteer Management: Graeme McAllister
- Student Outreach: Daley Clohan
- Community Involvement: Patrick Ho

**Vancouver Island Committee**

- Chair: Mark Byram
- Vice-Chair: Lisanne Naeth

**Okanagan Committee**

- Chair: Anne Girtz
- Vice-Chair: Garrett Hamilton-Smith

**Young Professional Committee Representatives**

- FIDIC: Selena Wilson
- ACEC: Charlie Yao
- Municipal Engineering: Natalie Tokgoz  
Ellen Yang
- Business Practice: Graeme McAllister
- Transportation: Joanne Slazyk
- Building Committee: Guillaume Vadeboncoeur  
Charlie Yao
- Resource and Energy: Stephen Hammond
- Membership Affairs: Simon Lee

## Thompson-Okanagan Liaison Committee

2011-2012 Annual Report



### Chair

James Kay

### Members

Mike Baker	Charlie Higgins
Dave Cullen	Peter Kortegast
Clayton Drewlo	Brad Lively
Craig Dusel	Jonathon Lowe
Alan Emery	Ken Oliver
Anne Girtz	John van Andel
Dave Gibson	

ACEC-BC's Thompson-Okanagan Liaison Committee has had a very exciting and productive 2011-2012. 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 100 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.

The ACEC-BC Thompson-Okanagan Liaison Committee currently consists of fourteen members. A huge thanks to Anne Girtz of AECOM for her exemplary work with the YPG.

In September we hosted CEBC Okanagan Day, consisting of a Young Professionals' breakfast, and a golf tournament. We had 30-40 members attending each event, with very positive feedback.

One of our more active initiatives has been identifying and responding to contract language our members encounter that is unfair or unreasonable. We have worked with three different municipalities on various aspects of their proposal or contract language and are hopeful that we will continue to see benefits from this collaboration. We have also reviewed the City of Kelowna Master Agreement for Consulting Services, and provided opinions to the City of Kamloops on their Financial Policy 4.6 which would delegate authority from Council to Staff to retain consultants for smaller assignments.

We are very excited to be hosting ACEC-BC Okanagan Day in Kelowna again this year, with the Golf Tournament on Tuesday September 20 and YPG Breakfast and Mixer on Friday 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.

## Vancouver Island Liaison Committee

2011-2012 Annual Report



### Chair

Stephen Bean

### Members

Peter Ferguson	Eric Pettit
Carl Miller	Tom Wilson
Greg Ovstaas	

The Vancouver Island Liaison Committee plans and organizes events on Vancouver Island. As Chair, I attend the ACEC-BC Board Meetings in Vancouver and liaise with the Vancouver Island members.

On October 20, 2011 the first of two Government Relations Events this year were held at the Union Club in Victoria. We presented our key issues including the name change, infrastructure spending, qualifications based selection (QBS) and the ultimate limitation period (ULP).

On November 2, 2011 we held the seventh annual Vancouver Island Mixer at the Union Club. Jack Hull of the Capital Regional District gave an update on the CRD Sewage Treatment Plant, Robert Broe of BC Transit /SNC-Lavalin talked about planning for LRT in the CRD and Ken Mariash provided a presentation on the Bayview Properties CP Roundhouse Project. The 50 participants generated interesting discussion.

On March 27 and 28, 2012, the second of two Government Relations Events was held at the Victoria Conference Centre. We met separately with the Liberal Government MLA's and the NDP Opposition MLA's.

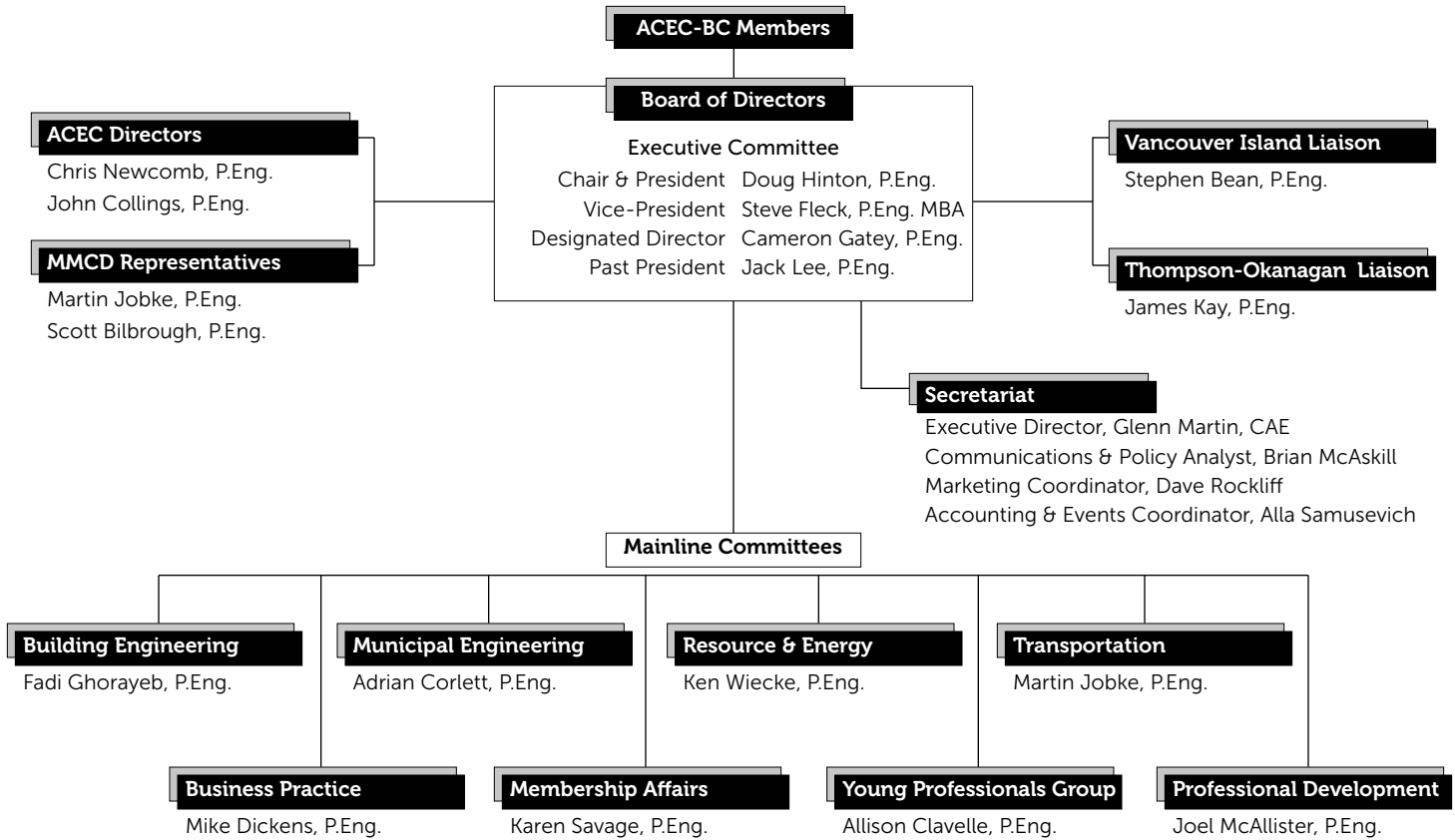
April 16 was a very exciting day in the Legislature when the Liberal Government introduced Bill 34 – the revised Limitation Act. The Bill passed 3rd reading and establishes an ultimate limitation period of 15 years after the event giving rise to the claim. This is the culmination of many years of hard work by numerous ACEC-BC members and shows that we can make a difference!

On April 26 we held a very informative Vancouver Island Breakfast Meeting. A status report on the design of the Johnson Street Bridge Project was provided by Joost Meyboom of MMM and Mike Lai of the City of Victoria.

The Vancouver Island Chapter of the Young Professionals Group is now established and held many events on Vancouver Island. The 7th Annual Vancouver Island Consultants Invitational Fishing Derby is tentatively scheduled for July 28 and the Vancouver Island Golf Tournament is tentatively scheduled for September 21, 2012.

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

# 2011–2012 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 2011-2012



**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.

### 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](http://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](http://www.engineeringlegacies.com)
- ❖ We are a founding partner of the **Canadian Engineering Leadership Forum (CELF)**, 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.

## 2012 Highlights: What we are achieving for our members

### Developing a Long-term Infrastructure Plan

During ACEC's Parliament Hill Day this year, industry representatives met with over 40 federal politicians to promote a new, long-term infrastructure plan. As a result, the Minister of Infrastructure received letters from all political parties in support of ACEC's position. We also received media coverage from the event, including CBC's business news program The Lang and O'Leary Exchange.

**On November 30, 2011, the Minister of Infrastructure announced that the government will begin the long-term planning process for a new infrastructure plan.** ACEC is already participating in the planning process with other stakeholders.

Visit YouTube and search "ACEC Parliament Hill Day" for highlights of Parliament Hill Day 2011.

### Fighting Financial Guarantees That Could Cost Millions

ACEC is fighting a proposal from the Canadian Nuclear Safety Commission (CNSC) that will collectively cost the consulting engineering sector millions of dollars.

Firms would be required to provide a financial guarantee for equipment licensed by CNSC in the event of bankruptcy or termination of operations. The proposed guarantees include a \$10,000 "administrative fee" on each license and an additional \$3,000 for each device. The potential cost for some ACEC Members could be crippling.

ACEC has engaged with CNSC and will participate in public hearings to be held in April 2012. ACEC is also coordinating its activities on this matter with other affected stakeholders.

### Promoting Qualifications-Based Selection

Price rather than "value" continues to be the determining factor in many public client procurement processes. This results in firms minimally interpreting the scope of work in order to be competitive. Instead, **ACEC encourages the use of InfraGuide Best Practice for Selecting a Professional Consultant and the use of qualifications-based selection (QBS).**

ACEC works closely with various federal government departments to improve procurement processes. ACEC is also working directly with Defence Construction Canada to create a pilot project for QBS.

ACEC also participates in the annual Canadian Public Procurement Forum – an opportunity to educate procurement officials from all three levels of government. We have also worked with the Canadian Standards Association (CSA) to develop an on-line training tool, *QBS-Pro*, designed for procurement officials.

### Fixing the Northwest Partnership Trade Agreement (NWPTA)

ACEC is working with the provincial and territorial consulting engineering associations to address the unintended consequences of NWPTA. NWPTA requires government clients to accept submissions from all qualified firms within the trade agreement area for professional services exceeding \$75,000. Clients must either spend a significant amount of resources evaluating the qualifications of all proponents or revert to selecting the lowest fee. In either case, this makes the use of QBS more difficult. Consequences include higher construction, life cycle and procurement costs to the tax payer

**ACEC has developed tools for a "grass roots" campaign to help provincial associations** educate governments on the consequences of the NWPTA including a microsite [www.making-tradework.ca](http://www.making-tradework.ca) that serves as resources for members.

### ACEC is a nationally and internationally recognized association

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 its 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 British Columbia Events

Since the 2011 Annual General Meeting ACEC British Columbia has held a total of 30 events –

September 22	ACEC-BC Okanagan YPG Breakfast <i>Liability Issues for Consulting Engineers</i>
September 23	ACEC-BC Okanagan Golf Tournament
October 12	YPG Vancouver Breakfast Seminar <i>Dynamic Leadership in Project Management</i>
October 12	Burnaby-New Westminster Mixer
October 20	ACEC-BC MLA Breakfast
November 2	Vancouver Island Mixer
November 3	YPG Victoria Breakfast Seminar <i>Tax Me If You Can; and Investing In Your Firm</i>
November 15	YPG Breakfast Seminar <i>Professional Liability and Insurance</i>
November 22	Tri-Cities Mixer
November 29	Past Presidents & CEOs Dinner
December 15	YPG Victoria Breakfast Seminar <i>Dynamic Leadership in Project Management</i>
January 19	YPG Breakfast Seminar <i>Effective Communications Through Meetings</i>
January 25	Shifting Modes Transportation Conference
February 8	ACEC-BC TransLink Mixer
February 22	ACEC-BC Port Metro Vancouver Mixer
February 29	BC Hydro Mixer
March 15	YPG Breakfast Seminar <i>Building Your Finances to Benefit Your Firm</i>
March 20	YPG Okanagan Breakfast Seminar <i>Project Management – Managing Client Expectations</i>
March 22	YPG Victoria Breakfast Seminar <i>Win Your Next RFP</i>
March 27	Government MLA Luncheon
March 28	Opposition MLA Breakfast
March 31	Awards Gala
April 10	Surrey-Langley Mixer
April 18	Industry Information Dinner <i>Electronic Sealing; and Getting the Fees You Deserve</i>
April 25	Metro Vancouver Mixer
April 26	Vancouver Island Breakfast Meeting <i>Johnson Street Bridge Project</i>
May 16	Golf Tournament
May 22	YPG Breakfast Seminar <i>Bringing Out the Leader in You</i>
May 31	YPG Victoria Breakfast Seminar <i>Tsunami Reconstruction, Aceh, Indonesia</i>

ACEC British Columbia members are informed about upcoming events through electronic mail and the monthly newsletter, *Newsbrief*. Learn about upcoming events at [www.acec-bc.ca](http://www.acec-bc.ca)

## CEBC 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 21 – July 8	University of Victoria
July 8 – July 22	Swartz Bay Ferry Terminal
July 26 – August 12	Tsawwassen Ferry Terminal
August 22 – September 2	Prince George City Hall
September 12 – September 30	University of Northern British Columbia
October 13 – October 15	APEGBC Annual Conference (Kelowna)
October 17 – November 1	Kelowna City Hall
November 1 – November 25	UBC Okanagan
November 28 – December 16	District of Maple Ridge
January 4 – January 24	City of Coquitlam
January 25	Transportation Conference 2012
March 27 – March 28	Government Relations Days (Victoria)
March 31	ACEC British Columbia Awards Gala
April 3 – April 24	Richmond City Hall
April 25 – May 16	Abbotsford Airport
May 19 - June 9	Metropolis at Metrotown (Burnaby)

### Online Awards Road Show

The project display boards from the 2012 Awards competition can now be viewed online at [www.acec-bc.ca/awards.aspx](http://www.acec-bc.ca/awards.aspx). To raise the profile of these projects and the member companies submitting them, we have established a *People's Choice Poll* on the site. Visitors, including members and the general public, can vote online for their favourite project. Results of the poll will be announced early in September.

## Transportation Conference

### SHIFTING MODES TRANSPORTATION CONFERENCE 2012



ACEC British Columbia worked with the Ministry of Transportation and Infrastructure, and TransLink to develop **Shifting Modes** – a one day conference focusing on Shifting Modes in British Columbia's transportation sector, in the Lower Mainland and across the Province. Held January 25th, 2012 at the Executive Plaza Hotel and Conference Centre in Coquitlam, the conference provided a number of sessions of interest to consultants, TransLink and Ministry staff, including:

- ❖ a morning tour of the Port Mann Bridge site.
- ❖ presentations including:
  - Regional Growth Strategy  
*Christina DeMarco, Manager,  
Regional Development Division, Metro Vancouver*
  - Shifting Modes - Ministry Overview  
*Doug Caul, ADM Partnerships,  
BC Ministry of Transportation and Infrastructure*
- ❖ luncheon keynote address by *Mike Proudfoot, CEO of Transportation Investment Corporation.*
- ❖ afternoon sessions in two streams – *Shifting Modes in the Port Mann/Highway 1 Corridor*, and *Shifting Modes Across the Province.*
- ❖ reception and Deputy Minister's Awards Dinner, attended by Hon. Blair Lekstrom, Minister of Transportation and Infrastructure.

## 12th Annual Golf Tournament

The Golf Tournament is one of the CEBC's most anticipated annual events, creating a fun and relaxed environment for members to network with their clients and industry colleagues. Due to its growing popularity, the tournament was held this year at the Northview Golf & Country Club in Surrey. The new venue offers two 18 hole courses, accommodating up to 288 players. A portion of the tournament proceeds were donated to Make-A-Wish® Foundation of British Columbia and Yukon.



## 3rd Annual Okanagan Golf Tournament

CEBC held the third Okanagan Golf Tournament at Shadow Ridge Golf Club on September 23rd, 2011. The tournament was well attended, with about 40 players taking part.

## 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.
- Applied Science Technologists & Technicians of British Columbia
- Atlantic Industries Limited
- Autodesk
- B & B Contracting
- BA Blacktop Ltd.
- BC Business Magazine
- BC Hydro
- BCIT School of Construction and the Environment
- BC Road Builders and Heavy Construction Association
- BFL CANADA Insurance Services Inc.
- R.F. Binnie & Associates Ltd.
- CH2M HILL
- Construction Business Magazine
- Corporate Traveller
- Delcan Corporation
- DSI Canada Ltd.
- EBA, a Tetra Tech Company
- ENCON Group Inc.
- Focus Corporation
- Fraser Milner Casgrain LLP
- Gastown Wellness / Gastown Physio & Pilates
- Golder Associates Ltd.
- Harper Grey LLP
- Hatch Ltd.
- Hatch Mott MacDonald
- Investors Group / Bay Wealth Management
- IPEX Inc.
- ISL Engineering and Land Services
- Jardine Lloyd Thompson Canada
- Klohn Crippen Berger
- Langley Concrete Group
- Levelton Consultants Ltd.
- Mainroad Group
- Matcon Civil Constructors Inc.
- McElhanney Consulting Services Ltd.
- Metrix Professional Insurance Brokers Inc. / XL Design Professional
- MMM Group
- Morrison Hershfield Limited
- Opus DaytonKnight Consultants Ltd.
- Opus International Consultants Ltd.
- PBA Engineering Ltd.
- Peter Kiewit Infrastructure Co.
- Reckless Bike Stores
- Sereca Fire Consulting
- Singleton Urquhart
- The Association of Professional Engineers & Geoscientists of BC
- Thurber Engineering Ltd.
- Urban Systems Ltd.
- Vancouver Airport Authority
- The Vancouver Sun

## 2012 Awards for Engineering Excellence

Since its inception 23 years ago, the Awards for Engineering Excellence Gala has not only become a “must attend” event for CEBC members and their clients, but it is also one that draws accolades from their spouses. This year’s gala theme was *Flight 2012* – some 610 guests enjoyed a virtual flight around the world, celebrating the engineering achievements of CEBC members. We were very pleased to welcome Hon. Rich Coleman, Minister of Energy and Mines, and House Leader, as our special guest speaker at the gala. We also took advantage of the occasion to launch our new name, *Association of Consulting Engineering Companies – British Columbia*. The 49 submissions to the awards competition were on display at the gala, launching the 2012 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 *Fast + Epp Structural Engineers* for the **VanDusen Botanical Gardens Visitors Centre**.



The striking entrance point for this iconic 19,000 square foot visitors’ centre will serve as an interactive education centre and welcome portal to revitalize public interest in the gardens. It includes lecture rooms, exhibition space, a café, and guest services. Perhaps its most innovative feature is the dramatic free-form, organically-shaped roof structure, which metaphorically represents petals of an orchid, flowing seamlessly into the surrounding landscape like an extension of the garden itself.

The design team pioneered a wood solution for the new visitor centre in the interests of economy, sustainability, innovation, and to meet tight time constraints. This is believed to be the first example of wood use for such a complex form. Seventy-one unique panels consisting of glue-laminated wood and standard dimensional lumber components were designed to have mechanical, electrical, acoustical and ceiling finish components pre-installed.

Billed as “Vancouver’s greenest building” by local media, the structure is targeting Living Building Challenge and LEED Platinum status.

## Awards of Excellence



**VanDusen Botanical Gardens  
Visitors Centre**  
*Fast + Epp Structural Engineers*



**Harbourside West  
Pedestrian Overpass**  
*Hatch Mott MacDonald*



**No. 4 Road Drainage Pump Station**  
*Opus DaytonKnight Consultants*



**Capilano Cliffwalk**  
*Morrison Hershfield Limited*



**Partington Creek: A New  
Watershed Development Process**  
*Kerr Wood Leidal Associates Ltd.*

### Awards of Merit

- ❖ **UBC Biological Sciences Complex**  
*MCW Consultants Ltd*
- ❖ **Burnaby Lake Rejuvenation Project - Urban Jewel**  
*Associated Engineering*
- ❖ **South Fraser Perimeter Road, Landfill Closure Project**  
*CH2M HILL Canada Limited*
- ❖ **Vancouver City Central Transmission**  
*Golder Associates Ltd.*
- ❖ **Mapping on the Move - GeoAutomation® Mobile  
Mapping of the South Fraser Perimeter Road**  
*McElhanney Consulting Services Ltd.*



## ACEC British Columbia 2012 Meritorious Achievement Award



The recipient of this prestigious award in 2012 is Chris Newcomb, P.Eng., McElhanney Consulting Services Ltd.

After receiving his Civil Engineering degree from the University of Manchester in 1969 Chris Newcomb began working for engineering consultants and construction firms on highway and pipeline projects in France, Canada, East Africa and South America. In 1981 Chris joined McElhanney Consulting Services in Vancouver as a Project

Manager, eventually working his way up to President of the company in 1997.

During this period Chris helped grow the engineering side of McElhanney's business from a relatively minor player in land development and municipal work, to a multi-disciplinary, multi-branch operation that is now considered one of Western Canada's leaders in the design of transportation infrastructure.

With Chris Newcomb at the helm, McElhanney has won numerous awards for projects such as the South Surrey Interchange, the Mount Lehman Interchange, the Sea-to-Sky Highway, and the Golden Ears Bridge roadworks.

Throughout his career, Chris Newcomb has been committed to the highest standards of engineering and has actively promoted our industry to government, business, and educational institutions. That commitment has contributed significantly to universal recognition of the professional stature of consulting engineers in British Columbia.

Chris has been involved with ACEC British Columbia (formerly CEBC) since the 1990's when he served as Chair of a number of committees, including the very active Ministry of Transportation Liaison Committee. He has served on the ACEC-BC Board since 2000, and was its President in 2002/2003

Since 2005 Chris has represented British Columbia on the board of the national association representing consulting engineering firms, ACEC, and he served as its Chair in 2008/2009. In October 2011, he was elected to the Executive Committee of the International Federation of Consulting Engineers (known as FIDIC). This appointment reflects the highest level of respect and acknowledgement by his peers, both in Canada and overseas, of the expertise and experience he brings to supporting the business of consulting engineering.

## ACEC British Columbia 2012 Young Professional Award



The winner of the 2012 ACEC-BC Young Professional Award is Mike Homenuke, P.Eng., Kerr Wood Leidal Associates Ltd.

Mike Homenuke has furthered the state of the consulting engineering industry by challenging existing thinking and evolving new practices. He took a lead role in numerous high profile consulting projects, including the 2008 CEBC award-winning Rapid Hydropower Assessment Model for BC Hydro and BCTC, and the City of Victoria's \$3

million James Bay I&I Reduction Pilot Program.

Senior project managers afford this Young Professional a great deal of latitude with project delivery because he manages the workload with an urgent sense of personal responsibility for providing value to clients. He strives to provide an innovative solution on every project, while remaining mindful of satisfying client expectations. He was Founder and Chair of his firm's Junior Engineers Group and he has written and published eight papers.

While chair of the CEBC Young Professionals Group, he helped establish a UBC outreach mentorship program and developed a series of successful breakfast seminars for young professionals.

Following this post, he was asked to form a Young Professionals Group at the BC Water and Waste Association and is currently serving as this group's chair. In 2008, he represented BC young professionals at the International Federation of Consulting Engineers conference in Québec, and in 2012 represented the American Water Works Association at the Water Environment Federation's Young Professional Summit.

Mike has a unique ability to encourage both social and environmental consciousness – organizing and participating in events that raise awareness of environmental issues while bringing the community together. In 2005, he co-founded the inaugural Still Creek Regatta, encouraging consulting engineers to give back to the community by raising funds in a paddle along a water-course few would have thought of as amenable to recreation.

He is a member of his firm's Green Team, a coalition of conscientious employees who seek to reduce their ecological footprint. Practicing what he preaches, he is a committed bike public transit commuter. He was an early adopter of the Cooperative Car Network and organizes a Bike-to-Work Week team.

# Treasurer's Report

2011-2012



## Vice-President/Treasurer

Steve Fleck

The Treasurer's report summarizes the financial status of ACEC British Columbia on March 31, 2012 which is the fiscal year end of the organization. This report also provides a brief rundown of the 2012/2013 fiscal year budget.

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

Assets reported in the balance sheet at the beginning of the fiscal year were \$483,077 as compared to \$567,490 at the end of this fiscal year.

Some new initiatives were approved by the Board as non-budgeted items. These include:

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

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).

Revenue increase was due to:

- ❖ membership dues increased because of a higher "N" number than originally projected and a Consumer Price Index increase in membership fees.
- ❖ higher member's attendance for the 2011 Gala, Member Events and Transportation Conference than anticipated.

Expenses increased due to the non-budgeted items noted above.

The Board of Directors has approved the 2012/2013 fiscal year budget. The budget allows for total revenue of \$838,650 and total expenses of \$839,830 with an operating deficit of (\$1,180).

The 2012/2013 budget also includes the following non-operating expenses drawn from reserves:

- ❖ continued government relations program with the PACE Group.

## ACEC British Columbia Member Companies 2011-2012

AC Eagle Enterprises Ltd.  
Acclaro Management Corporation  
AECOM Canada Ltd.  
AME Consulting Group  
AMEC Americas Ltd.  
J.E. Anderson & Associates  
Aplin & Martin Consultants Ltd.  
Applied Engineering Solutions Ltd.  
Associated Engineering (B.C.) Ltd.  
Ausenco Engineering Canada Inc.  
BBA Inc.  
R F Binnie & Associates Ltd.  
Brown Strachan Associates  
Buckland & Taylor Ltd.  
Bush Bohlman & Partners Consulting Engineers  
Roy Campbell Ltd.  
CH2M HILL  
Chatwin Engineering Ltd.  
CitiWest Consulting Ltd.  
Collings Johnston Inc.  
CTQ Consultants Ltd.  
CWA Engineers Inc.  
CWMM Consulting Engineers Ltd.  
DEC Design Mechanical Consultants Ltd.  
Delcan Corporation  
Dillon Consulting Limited  
DMD & Associates Ltd.  
EBA, a Tetra Tech Company  
Empac Engineering Ltd.  
exp Services Inc.  
Fast + Epp  
Focus Corporation  
Fransen Engineering Ltd.  
GENIVAR  
Glotman Simpson Group of Companies  
GOAL Engineering Ltd.  
Golder Associates Ltd.  
Gygax Engineering Associates Ltd.  
Hatch Energy  
Hatch Mott MacDonald  
HDR Corporation  
Horizon Engineering Inc.  
Hunter Laird Engineering Ltd.  
IBI Group  
Infrastructure Engineering Consultants Ltd.  
InterCAD Services Ltd.  
ISL Engineering and Land Services  
Jade West Engineering Co. Ltd.  
Jones Kwong Kishi Consulting Engineers  
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.  
McGill & Associates Engineering Ltd.  
MCW Consultants Ltd.  
Metro Testing Laboratories Ltd.  
MMM Group  
Moffatt & Nichol  
Morrison Hershfield Ltd.  
MWH Canada Inc.  
North Berkeley Design & Construction  
Northwest Hydraulic Consultants Ltd.  
Opus DaytonKnight Consultants Ltd.  
Opus International Consultants (Canada) Limited  
Paragon Engineering Ltd.  
PBA Engineering Ltd.  
Piteau Associates Engineering Ltd.  
Pottinger Gaherty Environmental Consultants  
Read Jones Christoffersen Ltd.  
RKTG Associates Ltd.  
RWDI AIR Inc.  
Schlumberger Water Services  
SCS Materials Engineers Ltd.  
Sereca Fire Consulting Ltd.  
SNC-Lavalin Inc.  
SRK Consulting (Canada) Inc.  
Stantec Consulting Ltd.  
Thurber Engineering Ltd.  
Urban Systems Ltd.  
URS Canada Inc.  
Villholth Jensen & Associates Ltd.  
Wakefield Acoustics Ltd.  
Watson Engineering Ltd.  
WorleyParsons Canada Services Ltd.



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