

ANNUAL REPORT 23

—
THE ASSOCIATION OF CONSULTING ENGINEERING COMPANIES BC



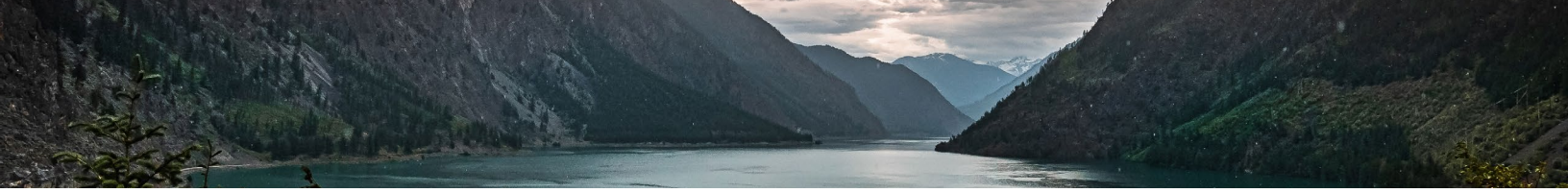



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Consulting
Engineering
firms are
partners,
experts, and
innovators
working for
**British
Columbians.**

Lets Connect!

 acec-bc.ca

 [/acec-bc](https://www.linkedin.com/company/acec-bc)

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About ACEC-BC

Since 1976, the Association of Consulting Engineering Companies British Columbia (ACEC-BC) has been the voice of consulting engineering companies in BC. Our mandate is to advance the business interests of consulting engineering firms in BC by advocating for fair business practices and building awareness of the industry's contributions to society and innovative technical expertise.

On behalf of our member organizations, our board of directors endorse our strategic direction and ensure our operations are guided by these principles.

Our purpose is to serve the interests of members through advocacy, creating opportunity for collaboration and building profile of members and the industry. Our member's wisdom, societal contribution, and geographic reach lend credibility and gravity to this purpose.

Advocacy is our primary mission.

We are a consolidated voice for fair procurement practices, balanced contract language including proportional allocation of risk, and removal of barriers to efficient operation of our businesses in BC.

Values unite our members.

Our members and our governance act collaboratively to promote innovative thinking and investment in our community. Our words and actions ensure an inclusive environment: celebrating our diversity and striving for equity in all that we do.

80+

Member
firms in BC

40+

Municipalities
across BC

10k

Employed British
Columbians

\$5b

Locally to British
Columbia

Charter of Membership

A Consulting Engineer is a professional advisor who provides engineering and other technology-based services. The role of the Consulting Engineer is to put expert knowledge at the disposal of the Client, and to serve the Client's interests, acting in good faith. The relationship between the client and the Consulting Engineer is based on mutual trust, respect, cooperation, and fairness.

ACEC-BC provides industry with leadership to build a positive business environment and serves society by promoting the engineering industry as a catalyst for the application of technology, improved quality of life, economic growth, and wealth generation.

ACEC-BC's vision is to build a strong consulting engineering industry, providing value and quality to society.

In order to create a strong engineering industry and a positive business environment, ACEC-BC must be the united voice that speaks for the industry and must foster a high level of unity and trust among its member firms.

In recognition of this goal, we, the undersigned as Managing Principals of the member firms of ACEC-BC, acknowledge the need to respect our relationships with each other. By affixing our signatures to this Charter, we affirm that membership in ACEC-BC is important to us and that our companies will uphold the aims of ACEC-BC and the following principles:

1. Our company will support ACEC-BC through participation in its activities and adherence to its principles and policies.
2. Our company will relate to other members of ACEC-BC 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-BC 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-EGBC Fee Guidelines for Engineering Services.
7. Our company will respect the clientele of other members of ACEC-BC and will not attempt to supplant them when definite steps have been taken for their engagement.
8. When partnering for projects, our company will endeavor to select from other qualified ACEC-BC firms, and will follow the principles of qualification based selection and value based fees.
9. Our company will not engage in anti-competitive practices.

By upholding these principles, we will create a strong consulting engineering industry better able to serve the needs of our clients.

Signed in Vancouver by the Senior BC Managing Principals of the member companies of ACEC-British Columbia – June, 2015



2022-2023 Directors

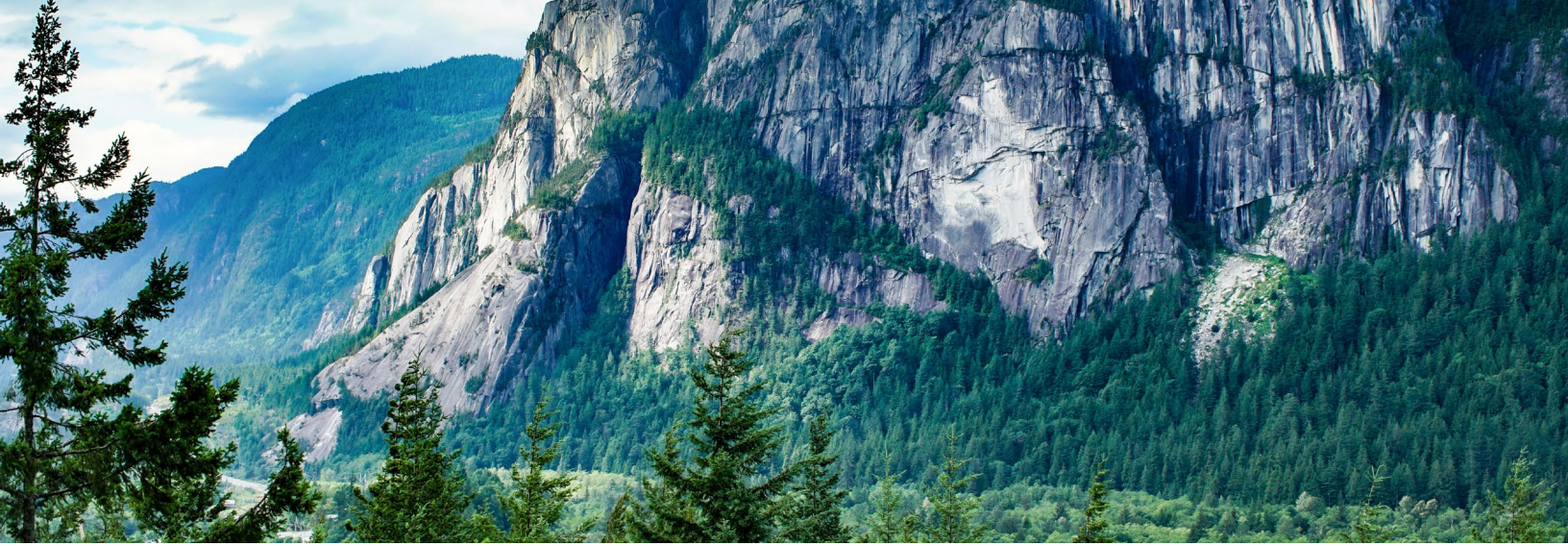
Role	Name	Company
Chair	Richard Bush	Binnie
Vice-Chair/Treasurer	Suzanne Powell	Thurber Engineering
Secretary/Designated Director	Brian Yates	Stantec
Past Chair	Iain Ward	EXP
Director	Dani Delaloye	Mott MacDonald
Director	Ian Steele	PBX Engineering
Director	Jay Rao	EXP
Director	Joe DiPlacito	Ram Consulting
Director	Kathryn Ekman	Klohn Crippen Berger
Director	Matt Gellis	Northwest Hydraulic Consultants
Director	Ryan MacPherson	SNC-Lavalin
Director	Tanya Sadlo	McElhanney
Director	William Johnston	WSP

2022-2023 Ex-Officio Directors

Name	Company
Erin Martin-Serrano	Hedgehog Technologies
Donovan Klassen	CTQ Consultants
Jeff McLellan	BFL Canada
Tim Stanley	Stratice Consulting

2022-2023 Executive Committee

Role	Name	Company
Chair	Richard Bush	Binnie
Vice-Chair/Treasurer	Suzanne Powell	Thurber Engineering
Secretary/Designated Director	Brian Yates	Stantec
Past Chair	Iain Ward	EXP
President and CEO	Caroline Andrewes	ACEC-BC



Chair's Report



Richard Bush

ACEC-BC Board Chair

Binnie

It has been a year full of challenges and opportunities as we began to see the pandemic in our rear view and look to the future and leverage the lessons learned from it. We also continued to see the impacts of climate change and the opportunity for our association and member firms to be part of the solution. I am proud of the work we have completed over the year as we continue to innovate and try new ways of delivering value to society, our clients, and each other.

Some of the highlights from the last year include:

- The continued focus on our Government Relations Strategy improving our position as a “trusted advisor.” Events such as the MLA day held in Victoria highlighted the importance of engaging with government and showcasing who we are and what do as an industry. The level of interest, engagement, and gratitude for our industry could be felt as we highlighted our role in responding to the atmospheric river events and the collaborative work completed with government, local communities, and member firms. On a personal note, it made me immensely proud to be part of this industry and association.

- The continued succession on our board and committees, bringing a fresh and diverse perspective on the work and initiatives underway at our association. Working with the Board has been a pleasure as we continue to build a board and committees that are diverse across many spectrums.
- The return of the Awards Gala where we put a new twist on a premiere event that celebrates our member firms, projects, people, and clients. It also provided our industry the opportunity to connect in person and raise a toast to all the fabulous work and progress we made over the year.
- Our continued focus and investment in equity, diversity, and inclusion through initiatives like the launch of the Events Planning Framework, which is a free tool that allows the association and firms to better plan events. The result is a better event that applies the GBA Plus principles.

It has been an honor and pleasure serving as the Board Chair and having the opportunity to represent our industry and work with so many of you. We are well positioned to have a meaningful impact on key initiatives underway, such as the government net-zero emission goal by 2050. We should all be proud of the work our industry has completed and our ability to adapt and flourish as an association. As we start to mix in-person, hybrid, and virtual events, I do believe that we are becoming more connected, aligned, and united. Our industry has so much knowledge and the ability to share it across new platforms is one which will benefit all of us.

I am excited to welcome the new Board Chair, Suzanne Powell, who I am sure will continue to move our association forward and build on the momentum gained over the last year. I would also like to say thanks to all the Board Members for their commitment to improving our association and industry. In closing, I would like to recognize the ACEC-BC team, Alla, Adriana, Ben, Caroline, Marcie, and Michael. It has been a pleasure working with you and your dedication and commitment to improving our industry is first class.

Thank you,



Richard Bush, ACEC-BC Board Chair, 2022/23





President's Report



Caroline Andrewes

President & CEO

**Association of Consulting Engineering
Companies British Columbia**

“It’s busy” has been the common refrain from the industry and the Association over the past year, as work ramped up on planned new infrastructure, remediation following the 2021 climate events, and the typical replacement and remediation of existing infrastructure.

One legacy of the pandemic is lasting change to the way we work and live. We are more flexible, we expect hybrid workplaces, and we are seeking a path to achieve a more balanced life. Operating plans, professional development, practice quality management, and how we engage with each other are all impacted. These changes have both challenged and benefited us but have also reinforced the culture of the industry – we are resilient, creative, and open. This mindset serves the industry to manage the complexity of the work you do and how to adapt professional practice in a changing world.

Better Together



Our Association thrives thanks to the diversity of our membership and whether large, small, or somewhere in between, we rally together to serve the interests of all members. That’s the foundation of better together – as a collective we lend credibility and gravity to our message. Our diversity assures our relevance and our ability to influence.

High engagement at the Board table was a clear representation of the strength we gain through diversity and the foundational principle of better together. The team and I were grateful to work with an exceptionally open and supportive Board, who consistently engaged each other’s perspectives and equitably considered each other’s positions.

The intentional inclusion of diverse voices and perspectives supported us to welcome six new Corporate members who each lend their voice, energy, and resources to the Association. Joining our community over the past year are Allnorth, BKL Consultants, Flow Engineering, H.H. Angus, Water Street Engineering, and Weir-Jones Engineering Consultants.

Our Primary Mission: Advocacy



We are the voice of consulting engineering in BC, which drives us to seek opportunity to collaborate with members, clients, policymakers, and partners both to advance the business of consulting engineering in BC and to influence decisions where our expertise is relevant and valued.

Consultation response:

The work you do and the contribution you make to our economy as a result gives credibility to our perspective on policy and legislation.

Over the past year we participated in consultations with government on legislation like the Heritage Conservation Act and Pay Transparency Act, we consulted on the new Climate Resilience Framework and Standards for Buildings, as well as policy and strategy development with members collaborating to author three public consultation responses on behalf of the industry including *Making Contaminated Sites Climate Ready*, *BC Flood Strategy – From Flood Risk to Resilience in BC*, and the *Watershed Security Strategy and Fund*.

Onerous Clauses:

Difficult contracts mean that our onerous clause review group were called upon this year to support review and response to the City of Vancouver, Metro Vancouver, the Regional District of Nanaimo, and the City of Surrey.

Contract renewal:

Significant individual contributions from our Past Chairs cohort have helped to advance development of standard form contracts. We are working with the Master Municipal Contract Documents Association (MMCD) to renew the Client and Consultant Agreement (CCA), one of our benchmark contracts supporting balanced language including proportional allocation of risk. Work also advanced on provincial standard form

contracts supporting both architectural and engineering assignments.

Thought leadership:

Committees worked with our team to develop and release resources that support the business of consulting engineering in BC. The documents include regulated practice information (refugee path to practice and HRPAAW), contract language (scope and liability), fees (rates and budgeting), and leadership (allyship practices).

Creating opportunity for collaboration



Each year more than 300 individuals volunteer with ACEC-BC, supporting advocacy, creating opportunity for members to collaborate, and helping to build profile for members and the industry. The introduction of roundtables for members who with shared interests or professional responsibility has expanded the scope of engagement with ACEC-BC and better informed our team and the Board on relevant issues from health & safety to client practices.

Events:

Our focus this year was on our major events including the Transportation Conference, a new approach to the Awards for Engineering Excellence, and the Young Professionals Conference. We also hosted Client Engagement Events with large owners including the Port of Vancouver, Metro Vancouver, and TransLink.

The focus on these larger events was intentional and aligned with the Board's direction. We've enjoyed great success in the past hosting municipal mixers but had observed changes that impact our ability to produce a high-quality experience. Increased event competition, lack of commitment from event partners, and a change in event participation habits all contributed to the decision to rethink these legacy events. The Municipal Engineering Committee is leading that effort and we look forward to new ways of engaging municipal partners in the future.

In the meantime, we were overwhelmed by the positive response to our hybrid Transportation Conference, which allowed us to engage Ministry of Transportation & Infrastructure team members and ACEC-BC members across the province and reintroduce popular events like infrastructure tours and the Ministry awards.

Similarly, hosting the Awards for Engineering Excellence at the Queen Elizabeth Theatre allowed guests to spend time together celebrating over drinks and food, and winners to receive recognition on one of Vancouver's most famous stages.

Events framework:

Looking forward, we are keen to share an excellent resource to support our Association, our partners, and our members to share content, celebrate, form and foster relationships, and all the other benefits we gain through events. The effort to build this resource has already supported the great events we hosted this year and has been utilized by partners to view their operations through an inclusive lens.

Building profile for our industry



Promoting understanding of the industry and how your work contributes to society supports our ability to be effective advocates and to engage decision makers with influence on capital allocation, procurement, and practice.

Content:

Our main website – acec-bc.ca – and companion websites including acecawards.com, transportationconference.ca, and ypconference.ca work together to build understanding through increased exposure to our members. Our websites ensure that thousands of different people view our content annually and in turn grow to better understand your business.

The response to videos developed to recognize our award winners in 2021, 2022, and 2023 encouraged us to consider how we can use video to build understanding and awareness on other topics as well. In the fall the EDI Committee worked with us on allyship resources including a video that supports understanding of what the letters, numbers, and symbols in LGBTQ2S+ mean. Through the original post and reposts of the video, many thousands of people connected with the content. While not specifically about consulting engineering, the video created a pathway for more and different people to learn about the industry and to understand our culture.

Getting social:

Over the past year we've had a little help on our social through engagement of co-op students from Simon Fraser University. Building capacity in the next generation and increasing our ability to post content to social media has been a two-fer we can all get behind!

Building foundations for the future



Following the AGM last year, our team regrouped to look at our own operations. We were interested in considering how to better serve our members, ensure our operations remain resilient, and do these things within the capacity available to us.

Together with the Board we looked at the future to understand what actions we should continue to do, what was missing that we may want to initiate, and if there were any programs or activities that were no longer serving the broader membership that could be discontinued.

Like every decision we make, we looked to our purpose and values for guidance, and developed priorities:

Alignment – every action and decision must align with our core purpose of *advancing the business of consulting engineering in BC*.

Engagement – on balance, we seek broad interest from members, supported by response data like event registration, attendance, website traffic, and email open rate.

Capacity – we can only commit to work that we have capacity to deliver (time, talent, resources).

Building foundations for the future is a continuous improvement mindset and completion is not a defined point. Together as a team we continue to reimagine our operations, seeking to ensure that whatever we do our voice continues to resonate with those we wish to influence.

It is an honour to represent our community, and a great pleasure to work with the Board, our committees, working groups, young professionals, and the ACEC-BC team: Adriana Rocha de la Llave, Alla Samusevich, Ben Abbasipour, Marcie Cochrane, and Michael Iskander.





Treasurer's Report



Suzanne Powell

Vice-Chair/Treasurer

Thurber Engineering

The Treasurer's Report provides comment on the financial operations of the Association for the fiscal year ending March 31, 2023, as well as a look ahead at the 2023-24 budget approved by the Board in March.

Financial Performance:

Over the past year operations evolved in response to the removal of pandemic restrictions and in response to observed changes in member behaviour particularly around confirming attendance for in-person events. As a result, the Board encouraged hybrid event offerings that support both broader engagement across the province and allow those who are interested and able to connect in-person.

Revenue rebounded to breach \$1.0-million for the first time since the onset of lockdown in 2020, exceeding budget by just over 8%. This despite the elimination of government subsidies, which had contributed more than \$280,000 in 2021 and 2022. The recovery was a combination of growth in member dues and strong response to events, particularly the 2023 Transportation Conference.

Like all businesses, ACEC-BC experienced an increase in operating expense due to rising costs as well as strategic investments. The total cost of operation (excluding event expenses) jumped 20%, which is attributed to an increased use of consultants, more frequent travel, as well as two strategic decisions – investment in a government relations strategy and the decision to shift to an outsource model for finance and accounting.

The Board remain very satisfied with the financial performance of the Association, including a strong surplus again this year. With reserves fully funded, the Board continues to dedicate surplus to member programs like the 2022 government relations initiative.

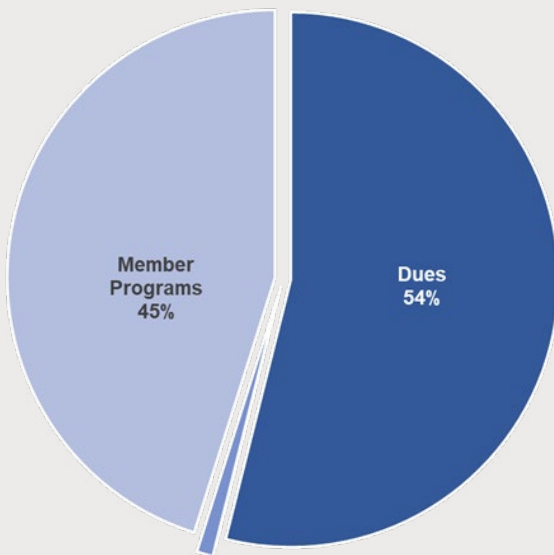
Item	Actual	Budget	Variance
Revenue	\$1,060,540	\$980,000	\$80,540
Expenses	\$948,575	\$993,000	(\$44,425)
Net	\$111,965	(\$13,000)	\$124,965

Revenue:

With the elimination of government subsidy, 2022-23 revenue was almost exclusively produced through operations (member dues) and programs (events). Dues exceeded budget due primarily to the addition of 7 new corporate members and higher than expected growth in n-number for continuing members. The growth observed was well received by the Board as we pursue the objective of alignment between member dues revenue and fixed

operating costs. This position allows flexibility to invest any surplus of expense from member programs in strategic initiatives and special programs.

While the 2022 Awards for Engineering Excellence held a marginal increase in revenue relative to 2021, other member events – like Client Engagement Events – was relatively flat. The primary driver for revenue growth was the 2023 Transportation Conference, which was exceptionally well received and resulted in a revenue increase of more than 100% relative to 2022. The net impact of small growth in Awards program revenue and the response to the conference was a 50% growth in year-over-year member program revenue.



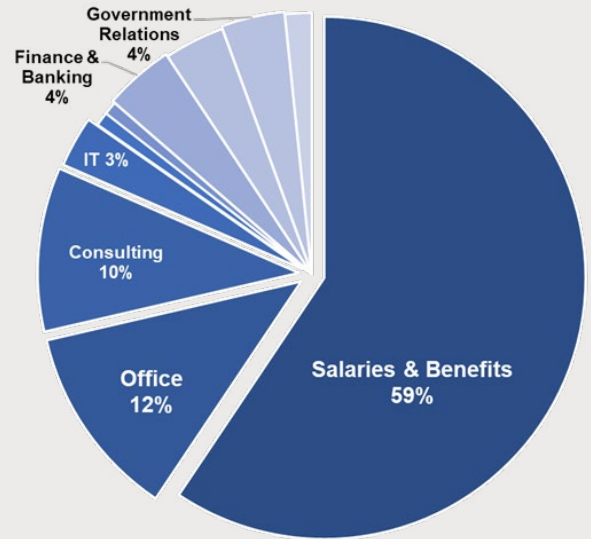
2022-2023 Revenue Sources

Expense:

Association operations, including salaries and rent, account for more than 80% of all expense incurred over the past year. As discussed earlier in this report, operating costs rose about 20% year-over-year mainly due to changes in operations and investment in the Board’s 2022 government relations initiative.

Accounting for roughly 20% of the expense growth, the investment in a government relations strategy yielded a plan for use by the Board and staff as well as the delivery of an exceptional MLA event in Victoria in October 2022.

With a target of 100% coverage, 2022-23 Association operations were funded approximately 88% through member dues. While lower relative to 2021 and 2022, the shift is linked to the aforementioned investments (government relations, operations). The Board anticipate benefits (for example to staff costs associated with the outsourced model) to be realised in the coming year.



2022-2023 Expenses

Reserves:

As reported to members last year, the Board have been monitoring and making decisions that support funding of reserves to the level defined by the 2015 Board. Reserves ensure stability during periods where revenue or cash flow may vary, and support special projects that require significant investment. The 2015 Board set a target they felt satisfied these competing risks; each year the Board review and reaffirm the target in the context of continuing operations and other factors.

In each of the last two years the Board allocated most of the surplus to reserves, transferring cash from the Association current account to the managed investment account held with Investors Group. The transfer more than doubled reserve holding and significantly reduced long-term risk to the Association. Last year excess cash was used to purchase a flexible term GIC with Scotiabank, allowing the Association to access a higher rate of return

whilst ensuring the cash remained accessible if needed. The GIC was not accessed to fund operations and remains available for investment in programs and services as required.

In setting the plan for 2023-24, the Board agreed to commit funding to several new initiatives and will continue to seek opportunity to utilize the available funds to create valuable resources for members.

Assurance:

At the 2022 AGM, members pass a motion “That the Board to review the current audit relationship and process and select an auditor following review.” The motion supported review of the relationship and the process for financial statement preparation and assurance (Review Engagement versus Audit) and aligned with changes in Association operations.

Following a competitive process, the Board appointed Campbell, Saunders & Co to support preparation of 2023 financial statements. In making the appointment, the Board reaffirmed their position that a Review Engagement provided a sufficient level of assurance for the Association. Should their position change in the coming years, the appointed accountant is appropriate to perform an Audit as needed.

In addition to year end support, the Board continue to receive and review monthly financial statements, to supervise management of the activities and affairs of the Association and perform the annual review of the Association’s continuity plan.

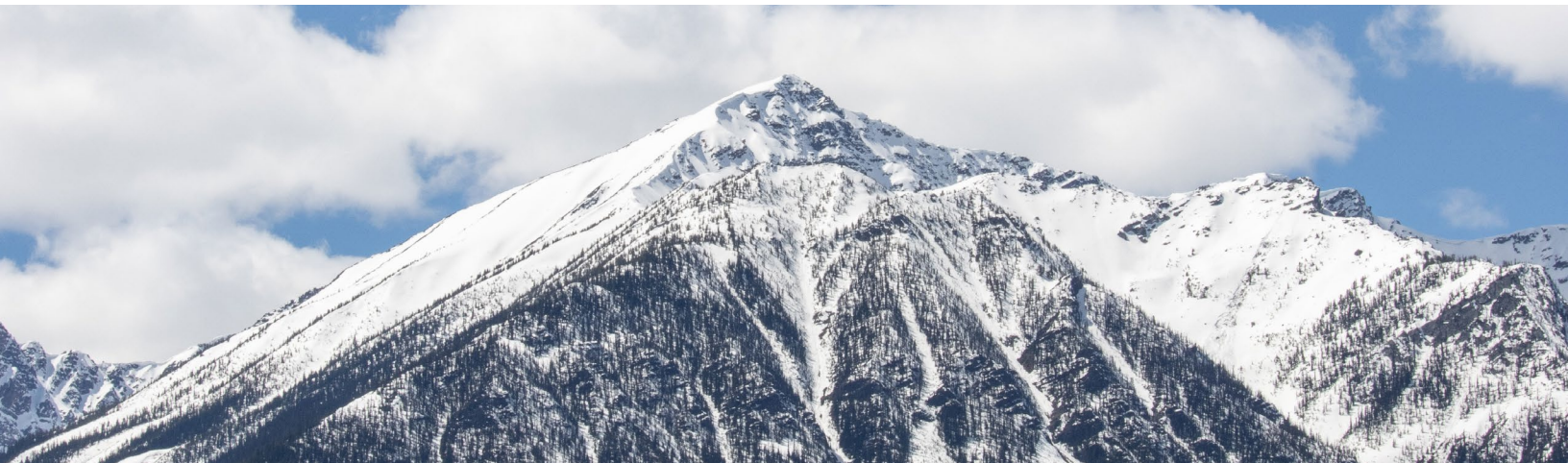
The Board are satisfied in the selection of a new partner and encourage members to reappointed Campbell, Saunders & Co. for 2023-24. Further, the Board have taken under advisement a recommendation following the 2023 review that the date of the AGM be later in the year (i.e., end of June or July) to allow more time to complete the review in 2024.

Looking Ahead:

The Board approved a budget in March 2023 that aligns with typical operations and produces a modest deficit. The Board also approved discretionary spending to fund strategic initiatives that could produce a larger in-year deficit. This decision was taken based on the expectation of a surplus (as has been reported) and is for programs that were delayed and therefore contributed to the reported surplus.

The budget again assumes hybrid operations, with a mix of event venues driven by the Association Events Framework that seeks to maintain broad engagement across the province and to support members to access affordable, high-quality content meaningful to their business.

As always, the Board seek to be flexible as operations and our industry culture evolve to align with permanent changes in the way we work, live, and allocate our discretionary time. The plan includes appropriate oversight of operations, meaningful engagement with key partners, and allows the organization to build on the success of the past.



Committee Reports



ACEC-Canada Year in Review
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Small Firms Council
Sustainability and Climate Change
Transportation Committee
Transportation Conference Organizing Committee
TransLink Liaison Committee
TRAN Liaison Committee
Young Professionals Group





ACEC-Canada Year in Review



Tim Stanley
Stratice Consulting



Catherine Fritter
Moffatt Nichol

ACEC-Canada, with the leadership of its Board of Directors and the engagement of its member firms and the support of its Maple Leaf Partners, had another successful year. We pursued our promotion of consulting engineering firms as community-building experts and policy solutions that benefit this generation and the next in Canada and around the world. Our effective engagement with the federal government meant we ensured the voice of the consulting engineering industry was heard by elected officials from all major political parties and senior policy makers within the federal government.

Below is a recap of our activities and efforts over the past year on behalf of our industry and your firm.

- Promoted an environmentally sustainable future for Canadians by actively advocating for procurement reform and the development of the National Infrastructure Assessment (NIA) as effective tools to achieve both.
- Advocated for investment in capacity building for infrastructure needs by recommending the reinstatement of *Infraguide*.

- Defended our member firms' opportunity to participate in federal procurement following the release of new procurement policy related to official languages of engineering documents.
- Contributed to a study by the House of Commons Standing Committee on Natural Resources on fair and equitable energy transformation, submitted a response to Natural Resource Canada's *Canada Green Buildings Strategy*, provided feedback to the Infrastructure Bank of Canada on its mandate, and took part in a consultation by Public Safety Canada on critical infrastructure.
- Participated in the 2023 pre-budget consultations by the House of Commons Finance Committee and the Minister of Finance.
- Leveraged closer alignment with industry stakeholders, including the Transportation Association of Canada (TAC), the Canadian Construction Association (CCA), the Federation of Canadian Municipalities (FCM), the Coalition for a Better Canada, and the Canadian Chamber of Commerce.

- Launched an extensive EDI study focused on the themes of education, parental leave, flexibility, and pathways to leadership.
- Organized the first in-person national leadership conference in three years which also offered complimentary virtual content for ACEC-Canada members.
- Celebrated the achievement of Canadian consulting engineering firms with the Canadian Consulting Engineering Awards and the follow up #20DaysofExcellence social media campaign, which was supported by federal and provincial legislators who shared messages of congratulations and support to the winning firms via their social media accounts.
- Supported the Canadian Federation of Engineering Students (CFES) virtual conference and engineering competition, and the inaugural EngiQueers Canada Conference.
- Participated in webinar hosted by Engineers Canada on engineering culture and the future of the profession and sponsored the Canadian Public Procurement Council's 2023 forum.

In the coming months, ACEC-Canada will continue to collaborate with its provincial partners like ACEC-BC to ensure the consulting engineering industry remains resilient and continues to be recognized for the impactful contributions it makes to communities across Canada and around the world. We invite you to play an active part in charting our direction forward by sharing with us how we can best benefit your firms and our industry; reach out to us directly at president@acec.ca or through your ACEC-Canada Board representatives.





BC Hydro Liaison Committee



Bruno Bagnères

Committee Chair

Klohn Crippen Berger

The original purpose of the committee was procurement focused. Following the change in BC Hydro contractual strategy i.e. awarding engineering services to a few provided under long term contracts. Today, BC Hydro does want to discuss any procurement topics as part of our committee.

BC Hydro and the ACECBC still see a value of continuing our communication but under different term of reference (TOR). Our current TOR (attached) are focused on non-procurement/technical topics (attached).

In 2022, we organized a Drone presentation and had a few meeting with BC Hydro to come up with future topic of interest (attached).

In 2023, our activity was limited to three meetings (internal and BC Hydro) and getting our next information sharing session in place (ROV scheduled for End of June/ early July). A BC Hydro open house is also scheduled for the fall 2023.

Our last meeting with BC Hydro was focused on discussing the value of continuing this committee. BC Hydro expressed interest in continuing providing that no procurement topics would be discussed.

Committee Members

Adam Solheim, Wood

Alex Cosovanu, PBX Engineering

Barry Chilibeck, NHC

Christophe Desage, BBA

David Daw, WSP

Ian Steele, PBX Engineering

Matt Gellis, NHC

Mike Chin, KCB

Michael Florendo, McElhanney

Murray Kroeker, BC Hydro

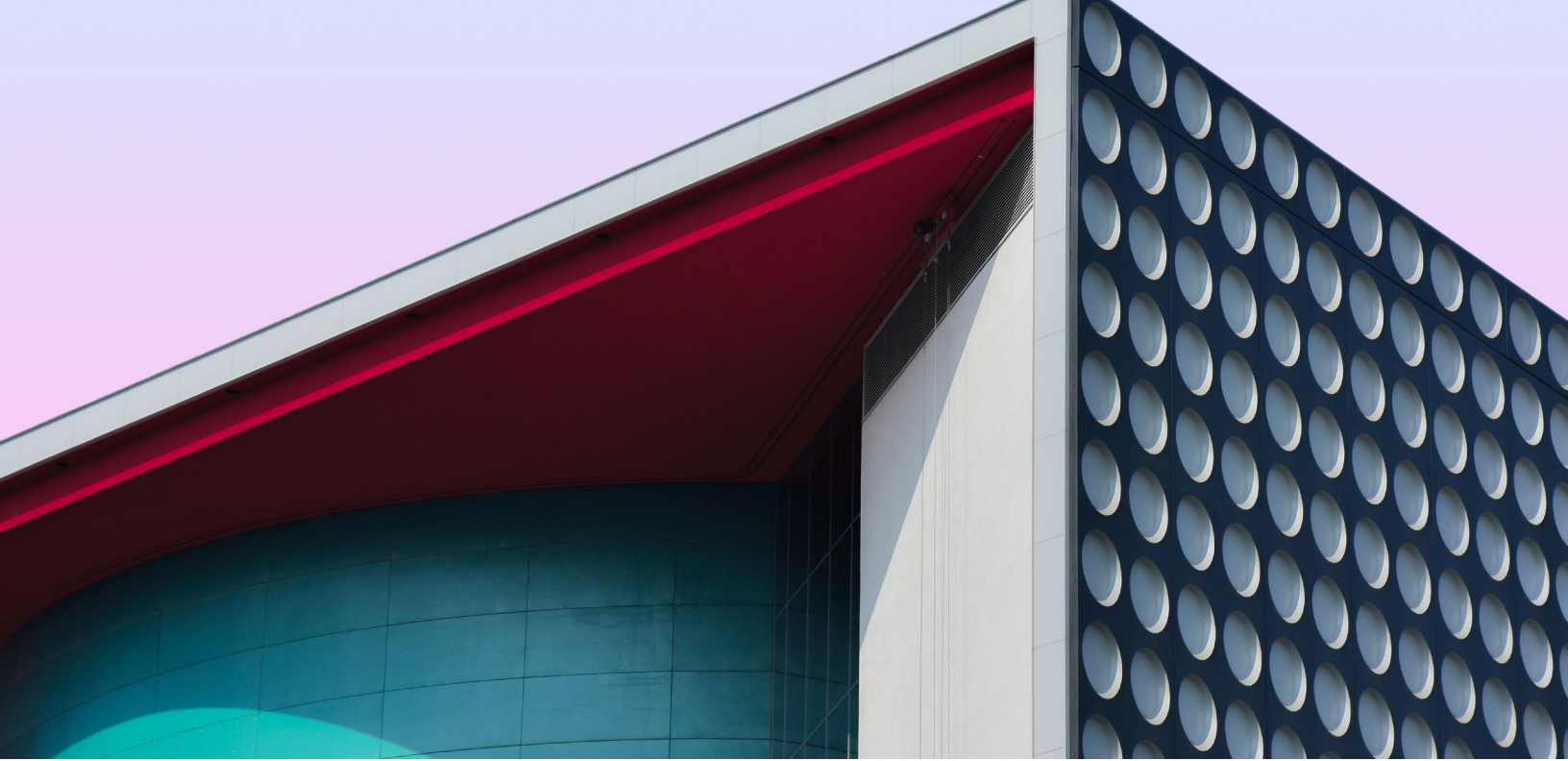
Neill Massey, BBA

Patrick Korner, Tetra Tech

Peter Leekha, Ausenco

Vijay Kallur, Arcadis

Younes Rashidi, Hedgehog Technologies



Building Engineering Committee



Caroline Andrewes

President & CEO

ACEC-BC

Significant work in the past year:

Three significant practice documents completed:

1. Budget Guidelines for Engineering Services – Buildings endorsed by ACEC-BC Board and Engineers and Geoscientists BC
2. Member Bulletin: Unintended Scope – use of RAIC Doc 6 for Electrical and Mechanical Consulting Services
3. Practice and policy consultations with provincial and municipal government

Advocacy continues with respect to the impact of permitting backlog advanced with the City of Vancouver and the Province, as well as issues related to codes and standards.

Key information for members: The Building Engineering Committee is a practice-focussed committee, supporting development of documents to support building professionals and advising the Board and Secretariat on issues impacting the sector.

Members of the Building Engineering Committee work together to represent the broad range of technical practice engaged in vertical construction. Leaders in engineering providing earthworks, structural, electrical, mechanical, and building systems collaborate to generate member resources, advocate for changes to processes, and respond to requests for feedback on programs, policies, and regulation.

Much of the committee work over the past year was in support of member advocacy through engagement with different organizations seeking input on changing regulation, processes, and education.

The committee met with and provided feedback to government and educators on the development of policy and resources including the Ministry of Environment & Climate Change Strategy's Climate Resilience Framework, SFU: Renewable Cities Building Capacity: Local Prefab Mass Timber Solutions Guidebook, and Engineers & Geoscientists BC on issues relating to the

plumbing code. The committee also supported review and response to upcoming changes to the BC Building Code and are engaged on the City of Vancouver's development permit review.

Resources to support member practice are an important contribution from the Committee. Over the past year the committee published an update to the Budget Guidelines for Engineering Services – Buildings, which is jointly hosted on the ACEC-BC and EGBC websites. The committee also developed and released a Member Bulletin – *Unintended Scope – Use of RAIC Doc 6 for Electrical and Mechanical Consulting Services*.

After an extended period with an acting Chair, the committee welcomed Graeme McAllister to the role of Chair beginning in April 2023.

The committee are currently developing their workplan for the coming year and hope to tackle issues relevant to the sector including regulation and permitting.

Committee Members

Andrew Tashiro, WSP

Clint Low, Bush Bohlman & Partners

Fadi Ghorayeb, DIALOG

Graeme McAllister, Thurber Engineering

Graeme Terris, Pinchin Ltd.

Justin Chu, AECOM

Mohammad Fakoor, RJC Engineers

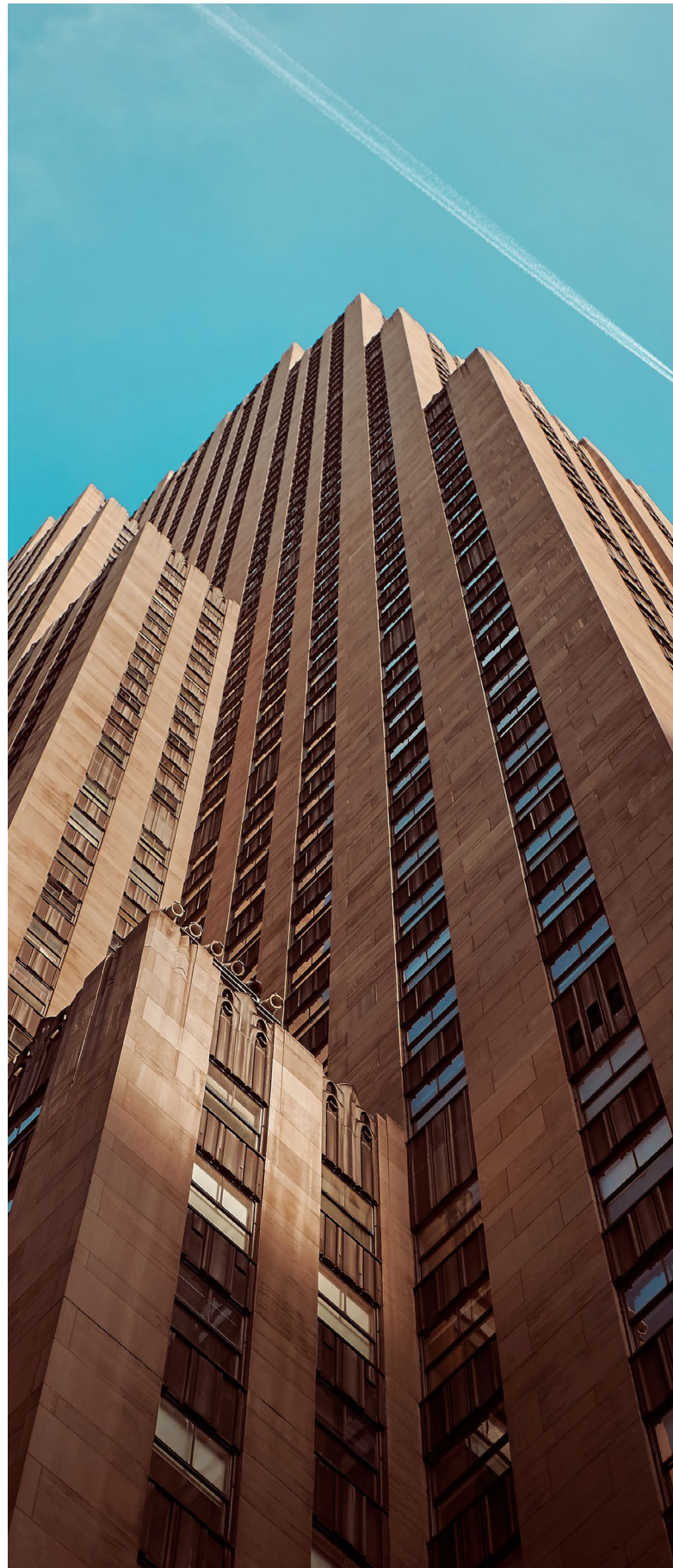
Nicole Bisceglia, Urban Systems

Sara Mighan, MCW Consultants

Sonny Bharaj, Binnie

Suzanne Powell, Thurber Engineering

William Johnston, WSP





Business Practice Committee



Kip Skabar

Committee Chair

Stantec

Significant work in the past year: Fee Guidelines and Limit of Liability white paper were key deliverables in the past year, as well as some committee review on QBS and onerous clauses (prompt payment, field reviews, reliance, prime contractor), as well as CCDC endorsement.

Key information for members: Majority of owners/public agencies continue to practice fee-based selection of professional engineering consulting services across BC region. We have seen 30+ year highs on inflation and record low unemployment which is impacting member firm business operations.

The BPC has focused on providing advice and developing resources for business practice issues, including preparing position statements, working with ACEC-BC municipality committee to promote quality-based consultant selection across industry, and other ACEC-BC mainline committees to address challenges faced by member firms in the industry. The BPC key task in 2022 was to perform an annual review/update to ACEC-BC consulting fee guidelines and present findings to the Board for approval. A higher than usual increase

in rates were recommended and approved, largely due to market conditions in BC and based on research by the BPC. The BPC also monitored emerging industry-specific issues that affect the business interests of member firms. Fee based selection across the majority of engineering consultant clients in the BC region continues to be an issue; however, there has been some improvement in recent years with certain clients leading by example in practicing QBS.

Committee Members

Anita Le, Jacobs

Alyse Wilkinson, WSP

Brian Chatwin, Chatwin Eng.

David Lu, Aplin Martin

Frank Liu, Hatch

Janine Jones, Binnie

Jay Rao, EXP

Kathryn Ekman, KCB

Matt Gellis, NHC

Rob McLeod, MPIB

Robert Lew, Aplin Martin

Sheldon North, BGC

Client and Consultant Working Group



Allan Russell

Chair

McElhanney

In March 2020, the Client and Consultant Working Group formed to address risks to team members and projects associated with the COVID-19 pandemic. The group continues to meet with a shift in focus to current issues relating to efficient procurement, project delivery, and partnership.

Much of the discussion over the past year focussed on the impact of inflation and high market activity including cost escalation and estimates, project funding, and market response to procurement. The client leaders also sought information from ACEC-BC regarding our fee guideline, delivery models, team substitutions, staff policies and wellness, as well as the impact of global events on project delivery. ACEC-BC also uses the forum as an opportunity to share work we do in support of members that is also a benefit to professional practice in client organizations (i.e., HRPBW, inclusive leadership, etc.).

The connection between ACEC-BC member representatives and client engineering leaders supports familiarity with ACEC-BC, promoting our advocacy by reinforcing our position as a trusted industry advisor.



ACEC-BC Members:

Francois Morton, Collings Johnston

Hannelie Stockenstrom, SNC-Lavalin

Harvie Buitelaar, Hatch

Jeff McLellan, BFL Canada

Steve Fleck, Stantec

Tim Stanley, Stratice Consulting

Client Members:

Cheryl Nelms, Metro Vancouver

Christoph Rufenacht, YVR

David Hubner, Infrastructure BC

Devan Fitch, Port of Vancouver

Ian Pilkington, BC Ministry of Transportation & Infrastructure

Jeff Busby, TransLink

Kenedee Ludwar, BC Ministry of Transportation & Infrastructure

Murray Kroeker, BC Hydro

Sany Zein, BC Rapid Transit Company

Stephan Triendl, TI Corporation

Advisors:

Caroline Andrewes, ACEC-BC

Martin Stegman, BC Ministry of Jobs, Economic Recovery, and Innovation



Deputy Ministers and Industry Infrastructure Forum



Gurjit Sangha

ACEC-BC Representative
WSP



Tim Stanley

ACEC-BC Representative
Stratice Consulting



Caroline Andrewes

Special Advisor & Steering Committee
ACEC-BC

The Deputy Ministers and Industry Infrastructure Forum (DMIIF) supports collaboration between the provincial infrastructure ministries and the design, engineering, and construction sectors. Members of the forum meet two to four times annually, with the DMIIF Steering Committee managing on-going work between meetings.

Each meeting of the forum includes updates from the Deputy Ministers on information relevant for industry including budgets, new project or policy announcements, organizational insight, and feedback on new programs. The CEOs of Infrastructure BC and TI Corporation are also members of the forum and are asked to share information on major projects and policies impacting procurement and project delivery.

Over the past year the construction industry ensured that

relevant policy and legislative changes impacting their industry were prominent on the agenda, including Sick Pay Legislation, the Labour Relations Code Amendment Act, cost escalation, and WorkSafeBC regulation. Likewise, ACEC-BC ensured that our industry engaged with government on items that more significantly impacted our industry including climate resilience, the newly introduced ESG framework for capital projects, and regulation.

Twice over the past year the forum received presentations from Infrastructure BC on major projects, including a timely presentation on 'lessons learned' from new alliance agreements relating to highway reinstatement and the Cowichan District hospital project. Infrastructure BC indicated that these lessons will be applied to future programs with the intention of making delivery under more efficient for all parties.

In addition to the forum, ACEC-BC members participate in sub-committees.

Standard Consultant Agreements:

Neil Cumming, Tim Stanley (Caroline Andrewes, advisor)

In 2018, a sub-committee was formed to developed supplemental conditions to standard architecture and engineering contracts. The immense efforts of the committee members continue to advance toward closure on an architectural services agreement based on RAIC Doc 6 (2022) and an engineering services agreement based on CCDC 31 (2020). The architectural agreement completed legal review in April. ACEC-BC and AIBC have asked that the province reconsider changes to a hold-back clause that were introduced in legal review. In preparation for release to the DMIIF, ACEC-BC and AIBC agreed to language that will be included on the agreement cover page encouraging design consultants to negotiate appropriate limits of liability for each contract. The sub-committee have completed their initial review of CCDC-31 (2020) and hope to wrap up all work in the coming year.

Engineers and Geoscientists BC Consulting Practice Advisory Group



Nick Bevilacqua

ACEC-BC Representative

Fast + Epp

The primary function of the EGBC Professional Practice Advisory Group (PPAG) is to:

- Provide advice regarding issues that influence the practice of professional engineering and professional geoscience in BC.
- Advise on continuous improvement of the Continuing Education Program.
- Advise on the content, frequency, scope, and delivery of methods of Continuing Education offerings offered and facilitated by EGBC.

As such, the PPAG provides advice, guidance, and recommendations on matters related to engineering and geoscience professional practice. ACEC-BC's involvement in this group ensures that the input provided to EGBC is consistent with the needs and expectations of the consulting engineering community.

Over the past year the EGBC PPAG has met on a quarterly basis to discuss the following topics:

- Regulation of Firms
- Continuing Education Program and Annual Information Reporting
- Audit and Practice Reviews
- Professional Practice Advice, Guidelines, and Practice Advisories

Given the recent shift in strategy with respect to both firm regulation and continuing education requirements, over the past year the PPAG placed a strong emphasis on discussing the initial implementation of this strategy, its impact on the engineering community, and potential opportunities for improvement in the year ahead.

In addition, the group has also been involved in discussions regarding the role of an engineering and geoscience advocacy body in BC. As EGBC has

continued aligning its activities with its mandate as a regulator under the Professional Governance Act (PGA) it has come to recognize that member advocacy activities can no longer continue under the PGA. That said EGBC still recognizes the value that the advocacy role brings to its membership, and as such has been open to engaging in ongoing discussions with groups such as the PPAG on the topic.





Equity, Diversity & Inclusion Committee



Victoria Kilpatrick

Committee Chair

McElhanney



Katie Au

Committee Chair

BBA

Significant work in the past year:

1. Finalized terms of reference
2. Women in Leadership Panel
3. Working toward Reconciliation Webinar
4. EDI Video
5. Allyship Resource

The EDI committee is proud of the work we accomplished in 2022, in particular, the EDI video and allyship resource, both of which received great feedback.

Finalized the Terms of Reference:

The EDI Committee provides a forum for the exchange of information about diversity initiatives and challenges within the consulting engineering sector. The Committee's purpose is to address current and emerging issues in employment of the consulting engineering sector. To provide relevant educational seminars, guidance, resources and tools to support diversity initiatives that affect the engineering sector and to work with other committees to support EDI initiatives.

Women in Leadership Panel

Hosted a panel where we had women in industry share their journey to becoming a successful women leader. Moderated by Sophie Warwick, Entuitive, the panelists included Kirsten Peck, BC Hydro, Susan Davidson, Sea Science, Erica Ellis, KWL and Jessica Steeves, Teck.

Working Towards Reconciliation

In collaboration with the YP Committee, the EDI committee hosted a webinar in which the objective of the event was to promote culturally safe practices and cultivate awareness of Indigenous peoples in Industry. The presenters shared how to practice culturally informed Engineering to be meaningful changemakers in reconciling with Indigenous communities.

EDI Video

In recognition of LGBT History month in October and Transgender Awareness Week in November, we launched an LGBTQ2S+ awareness video campaign to explain the meaning of each letter, numbers, and symbols.

Allyship Resource

In November, we published the Allyship guideline and infographic on how to foster inclusion & belonging in our workplaces and communities in order to bring awareness and educate on the realities of marginalized groups.

Other activities

In addition, the EDI committee participated in award adjudication, presented at the HR Committee on collection of EDI related data within industry, and offered feedback to other committees from a diversity perspective when asked.

Looking Ahead

The EDI committee will continue to advocate for EDI principles through education, guidance and support within ACEC-BC and the consulting engineering sector. Our current initiatives include a focus on providing our member groups with resources to support the following topics:

1. **Mental Health:** The development of tools/ resources to support employers in our sector in tackling this difficult issue
2. **Truth and Reconciliation:** The promotion of external resources/guidelines or development of resources internally (TBD)
3. **Employee Resource Groups:** The committee will host a panel discussion to support the development of ERGs within our member firms

In addition, the EDI committee will endeavour to support ACEC-BC staff on the following EDI goals:

1. **Guidance for Organizing Presentations:** Supporting in the development of a resource on how to foster EDI principles when organizing presentations/events
2. **Equity Reporting:** Feedback and Support on equity reporting as follow up to the discussions on collection of EDI related data within industry.

Committee Members

Adam Hoag, COWI

Chunpreet Sahota, WSP

Jay Rao, EXP Services

Joseph Boy, Associated Engineering

Marcie Cochrane, ACEC-BC

Peggy Chen, KWL

Raya Smertina, Hatch





Health & Safety Roundtable



Rob Dhillon

Committee Chair

McElhanney

Significant work in the past year: Collaboration, sharing, and learnings on matters related to workplace safety, hybrid working, seasonal hazards, and safety management systems and processes.

The Health & Safety Leaders Roundtable was initiated in 2021, bringing together member HSE leaders in a support-oriented forum for like minded safety professionals. Our members share common values and aspirations related to safety, and the roundtable has served as an excellent network to collaborate, support, and learn. The roundtable also provides support and advice to the Secretariat as needed.

Roundtable meetings begin with a learning moment, where members share an experience and learning outcomes related to incidents, hazard recognition, proactive safety, or initiatives with a particular focus on field safety.

The focus of the meetings are discussion topics recommended by the roundtable members. Members take turns leading discussions, which over the past year included the following non-exhaustive list of topics:

- Engaging & leveraging Joint Occupational Health & Safety Committees (JOHSC)

- Technology tools for H&S management
- Employee mental health and wellbeing strategies
- Roadside safety
- Effectively engaging leaders on health and safety
- Managing H&S across multiple jurisdictions and monitoring regulatory changes
- Risk assessments

Over the past few months, the members were excited to expand the roundtable, welcoming participants from Ram Consulting and Northwest Hydraulic Consultants.

Committee Members

Allison Mumo, Associated Engineering

Angelica Lopez, Klohn Crippen Berger

Carla Beath, Ram Consulting

Derek Ray, Northwest Hydraulic Consultants

Michelle Cooke, McElhanney

Mike Harroun, Mott Macdonald Canada

Sharon Blount, BGC Engineering

Samantha Shill, Ram Consulting

Sarah Kimball, BGC Engineering

Sumita Tayal, Kerr Wood Leidal



Human Resources Working Group

Significant work in the past year: After not meeting for the latter half of 2022, the HR working group is working on defining key topics for discussion at upcoming 2023 meetings.

Key information for members: The HR working group has resumed meetings in 2023, adopting the working group terms of reference and assigning rotating chair responsibilities.

As a working group, the purpose of the HR working group is to provide a forum for members to discuss relevant topics, share insights and resources, and to identify common challenges.

The HR working group did not meet in the second half of 2022 but has since resumed meetings in 2023. The working group has focused on reviewing and adopting the ACEC-BC working group terms of reference, exploring options for chair responsibilities, and planning future meetings.

After three years as serving as chair, Chelsea Seaby has stepped down as chair. We would like to recognize Chelsea Seaby for her leadership and contributions as chair.

The working group explored different options for chair responsibilities and decided to adopt a rotating co-chair approach. For each meeting, a different co-chair team will be responsible for organizing, hosting, and recording the HR working group meetings. The meetings will be hosted every two months and discussion topics will be identified based on a working list of topics of interest, as proposed by the working group members. The working group plans to hold some meetings in person, while offering the option to join virtually if unable to attend in person.

Recognizing that there is some overlap in areas of focus, the EDI committee shared their 2023 goals with the HR working group. The EDI Committee invited the working group members to contribute to the development of the goals and will continue to keep the HR working group informed about progress and opportunities for input.

Committee Members

Cheslea Seaby, Klohn Crippen Berger

Diana He, RJC

Allison Ribaux, AES Engineering

Amy Tsou, Mott MacDonald

Christina Lee, Associated Engineering

Raluca, Manolache, WSP

Nicole Gomes, DMD & Associates Electrical Consultants

Narinder Bharti, MCW Group of Companies

Noreen Finnerty, Northwest Hydraulic Consultants

Osama Moin, RAM Consulting

Rita Gareb, RAM Consulting

Stacey Kons, Binnie

Sandy Sun, Knight Piésold

Sumita Tayal, Kerr Wood Leidal Associates

Svetla Dobрева, Stantec

Tyla Hay, SRK Consulting

Victoria Kilpatrick, McElhanney

Jessica Boustani, RAM Consulting

Master Municipal Construction Documents Association



Dieter Diedericks
ACEC-BC Representative
Associated Engineering



Joel McAllister
ACEC-BC Representative
Onsite Engineering

The Master Municipal Construction Documents Association (MMCD) was created in 1989 by the BC Road Builders and Heavy Construction Association, the Consulting Engineers of BC and the Municipal Engineers Division of Engineers and Geoscientists BC to create fair and equitable documents and practices for the municipal sector. Now, the Association operates from the collective perspectives of Government, Consultants, Contractors, and Owners. ACEC BC continues to work together with MMCD on shared concerns, with members sitting on the MMCD Board of Directors.

The MMCD Tender Documents, Standards Specifications and Drawings are widely accepted and used throughout BC with over 90 municipalities using the documents on a regular basis. A range of design software compatible templates and software tools for municipal asset management, data transfer and asset registration are widely accepted as well. The MMCD also provides training programs for Contract Administrators, Referees, Construction Superintendents, Inspectors and Foremen on an annual basis. There are 253 Certified Contract Administrators listed on the MMCD website.

ACEC BC appoints two members to represent the industry on the MMCD Board of Directors. Over the past year, ACEC BC member firms have been represented by Dieter Diedericks (Associated Engineering) and Joel McAllister (Onsite Engineering Ltd.).

Several volunteer committees manage the products and priorities for the MMCD, including the Documents Committee (Civil and Electrical), the Marketing and Education Committee, the Asset Management

Committee and the Referee Committee. Most committees have volunteer representation from the Consulting, Contracting and Local Government Sectors.

In 2022 the MMCD RFP templates were released in response to increasing interest in using a Request for Proposal procurement method. An RFP approach allows for more innovation to be invited from bidders. The 2022 MMCD Design Guidelines were also released in 2022. A review of the standard Client/ Consultant Agreement is currently underway, considering the impact of the Professional Governance Act. The Agreement will be released by the end of 2023. The 2009 edition of the MMCD construction document will be phased out and will be supported until 2024. The Infrastructure Data Standards were updated this past year and 28 local governments are using the Infrastructure Data Standards.

The following training courses were completed in 2022:

- Forman Course attendees: 40
- Superintendent Course attendees: 40
- Public Works Course attendees: 22
- Contract Administrator Course attendees: 80

Two MMCD Referees were certified in 2022, bringing the total Referees to three.

When registered as supporting members of MMCD, consultants with ACEC BC qualify for discounts on MMCD products and training. ACEC BC member are among the most active sources of advice and suggestions for changes. This positive contribution is well recognized by the other MMCD partners in municipalities, government and the consulting industry.



Membership Affairs Committee



Jeff McLellan

Committee Chair

BFL Canada

The purpose of the Membership Affairs Committee is to support and advise the Association on actions that promote member engagement and to advise on matters related to Association Marketing and Communications including member recruitment, on-boarding, annual renewal, and other member experiences.

Our main role relates to engagement of new members and supporting their application for review and approval by the Board. The Association membership remains just over 80 firms representing more than 11,000 British Columbians in communities across the province. Our Associate membership includes 24 organizations, and we have 12 Client members.

Over the past year we welcomed seven new Corporate members:

- Allnorth
- BKL Consultants
- Flow Engineering
- HH Angus
- Mobility Foresight
- Water Street Engineering
- Weir-Jones

Over the past few years, we've shifted practices to more deeply engage Associate members and benefit from

their experience and perspective on some committees and through event participation. That approach has supported us to welcome four new Associate members:

- Acciona
- Advance Principle Consulting
- Premier Traffic Data
- Pomerleau

Similarly, engaging with clients on advocacy and through availability of relevant, professional development events has raised our profile with some clients and led to two new member applications in the past year:

- City of Abbotsford
- Island Health

The Committee recently met to discuss their workplan for the coming year which includes a thorough review of the member application process and member benefits for each membership category. The committee is excited about the creation of a new ACEC-BC staff position focussed on members and look forward to working with Adriana in her role as Member Engagement Leader in the coming year.

Committee Members

Graham Lovely, MCW Consultants

Jesse Unke, COWI

Jessica Opeka, Mott MacDonald

Marc Winer, Dillon Consulting

Tijana Smiljanic, McElhanney



Metro Vancouver Liaison Committee



Anthony Fuller

Committee Chair

WSP

Significant work in the past year:

- Supporting Metro Vancouver in finding ways to improve the procurement process related to efficiency and transparency.
- Supporting Metro Vancouver to better define project milestone submissions and risk, permitting and design stage road-mapping.
- Working to improve clarity in project management expectations around level of effort and defined consultants.

The mission of the Metro Vancouver (MV) Liaison Committee is to provide a mutually beneficial relationship between ACEC-BC and MV that:

- Improves the delivery and technical quality of consulting engineering services to MV; and
- Supports MV's efforts to improve program management and procurement efficiency.

The MV Liaison Committee moves into 2023 as a group of 13 industry representatives. Anthony Fuller continues as chair, along with Jesse Unke as vice-chair. In addition to its bi-annual meetings with MV directors and general managers and organizing the very popular ACEC-BC-MV Mixer, the committee operates through three standing subcommittees to help organize the Liaison Committee's work with MV and address three key pillars of support for and collaboration with MV. These include procurement, project delivery and technical services, as described below:

1. Procurement Subcommittee: Scope includes, but is not limited to, MV procurement processes, selection criteria, RFQ/RFP requirements, contract terms, and related issues.
2. Project Management Subcommittee: Scope includes, but is not limited to, project management and related cost / schedule / quality / scope / risk control issues, as well as working with MV to improve the management and delivery of their capital plan.
3. Engineering Subcommittee: Scope includes, but is not limited to, submission milestone expectations, design standards, stakeholder management, technical innovation, and related issues.

Over the past year, the subcommittees have been working with MV on the topics presented below.

Procurement

MV is aware of the high volume of work in their capital plan and the demands it places on them, the consulting community, and the construction industry. The consulting community is also aware of this issue and its impact on their own ability to resource and deliver MV projects effectively. While this issue is vast and complex and its entirety is well beyond the scope of the committee, we set out to take up aspects of it as part of our 2022-2023 Committee Plan.

The idea of expanding of the consulting pool by facilitating entry of newer and smaller firms into the Metro Vancouver market was presented to MV. How new companies get work with MV, and how to enable this via smaller-firm MSAs, prequalifications, and the relaxing of hurdles (previous MV experience, references, etc.) were some of the initiative presented. This effort is ongoing.

Improving the communication and clarity in MV's procurement process was a key area of the subcommittee. MV publishes their yearly opportunity sheet and presents it at the Client Engagement Event. While this document is very helpful in identifying at a high level the proposed projects to be undertaken during the year, it is often the case that the opportunity list varies from the actual opportunities that enter the market. Both the volume of opportunities and the timing of release differ from the plan. The idea of breaking down to a quarterly timeline, and/or making a project list available on the external MV website (i.e. having a live/active list) were discussed. It is recognized that doing this would require additional effort by the project team and the department.

Another issue discussed was making MV design requirements and specifications more readily available to new companies that don't have previous experience with MV. Publishing these on their website was suggested.

Requirements around economic opportunities for First Nations were identified by the committee and discussed with MV. MV is including requirements for providing economic benefit to First Nations as part of their RFPs. These are presented conceptually as contracting opportunities, or other similar arrangements proposed by consultants. RFP language includes this as part of the evaluation of consultant proposals, with points assigned

reflecting the level of FN involvement. In practice, this can be difficult to achieve due in part to the limited resources and means available to bands to contribute directly to a project in a contracting capacity. This is an ongoing issue with the committee.

Engineering

The engineering subcommittee had a busy year with a number of tasks carried out in collaboration with MV Directors. The team worked through a Design Checklist that both consultants and MV can use to refined expectations of design scope and deliverable timing. As part of this, MV recognizes the need to ensure the right MV staff are reviewing deliverables at the right time.

A series of roadmaps related to design review, project risk assessment, and permitting were developed by MV with input from the subcommittee. These are intended to facilitate these activities and make the effort of planning and scoping them more reliable.

MV is developing BIM standards and is working on building awareness and gaining consultant feedback that this is coming at MV.

Project Management

Within the project management subcommittee, two issues were identified and taken up: level of effort in project management and assigned subconsultants.

The level of effort associated with project management in MV projects varies considerably between projects. Specific requirements also vary, including the number of meetings, and the review of and response to comments on deliverables. This can create difficulty in estimating the required level of effort in proposals for project management tasks.

With regards to subconsultants directly assigned by MV, issues identified and discussed with MV include the variability in safety and contractual protocol of the companies; and the capacity and ability to respond, due to limited resources. When retained directly by the Prime Consultant, the management effort required with pre-assigned subconsultants can be considerable.

These issues are evolving and ongoing within the committee.

ACEC-MV Client Engagement Event

This year's MV Client Engagement Event occurred on May 9, 2023 at the Terminal City Club, and was a hybrid in-person and live streamed event. MV selected the keynote speaker this year. Jess Morrison presented on "Considering Archaeology in Project Planning in Projects." The four General Managers from MV presented on their respective departments including:

- Cheryl Nelms, General Manager, Project Delivery
- Marilyn Towill, General Manager, Water Services
- Peter Navratil, General Manager, Liquid Waste Services
- Paul Henderson, General Manager, Solid Waste Services

Following the presentations, in-person attendees enjoyed some food, drink, and networking.

Committee Members

Connor Langford , Mott MacDonald

Cristina Fonseca, Stantec

Don McCallum, Morrison Hershfield

Fred Marquis, Delve

Gemma Dunn, GHD

Greg McNeill, Ausenco

Gurjit Sangha, WSP

Iain Ward, exp

Jesse Unke, COWI

Michael Wrinch, Hedgehog Technologies

Quinn Crosina, Associated Engineering

Tim Phelan, AECOM





Municipal Engineering Committee



Michael Florendo

Committee Chair

McElhanney

Significant work in the past year: Reimagining of client engagement events in order to provide a variety of event types, improve accessibility to information, and foster collaboration between members and our municipal clients.

Key information for members: The MEC is focussed on strengthening the relationships between the municipal engineering consulting industry and our municipal / local government clients through the use of fair contract language and qualification-based selection process.

This past year saw a return to in-person / hybrid meetings hosted by committee members and ACEC-BC. The Committee met nine times in order to support our overall purpose and mandate to promote:

- the services provided by the municipal engineering consulting industry
- the use of Qualification Based Selection (QBS) for the procurement of engineering consulting services, and
- the use of standard agreement language and the removal of onerous clauses.

The committee includes 15 members with two additional regional liaisons to assist in knowledge sharing from other areas of the province, specifically the Okanagan and Prince George regions, as well as a YP representative.

Highlights of the Municipal Engineering Committee's work included:

Client Engagement:

Organizing client engagement events is a key component of the Committee's work as this ties directly to the promotion of our services and development of strong relationships with our municipal clients. The Committee hosted a successful City of Surrey mixer in 2022 based on the traditional format and is currently organizing additional events with our municipal clients for 2023.

To increase engagement and collaboration opportunities with our municipal clients, as well as information accessibility for our members, a Sub-Committee was formed to explore various engagement event types. The "reimagining" of our popular municipal mixers will continue in 2023 and we look forward to hosting our members and municipal clients at the various events this year.

QBS and Procurement:

The Committee continues to promote and support Quality Based Selection (QBS) procurement with our municipal clients. Positive responses have been received through discussions with municipal procurement departments

and potential QBS pilot projects are being considered for implementation.

Standard Contracts:

The Committee is working closely with the MMCD Association on the potential update of the Client / Consultant Agreement template. This is one of our key initiatives for the coming year.

In addition, members firms continue to be proactive in providing feedback to ACEC-BC relating to contract language and procurement processes outlined in our municipal clients' contracts.

Committee Members

Adrian Corlett, Parsons

Chris Boit, ISL Engineering

Colin Kristiansen, KWL

David Moschini, Tetra Tech

Donovan Klassen, AECOM

Gabriene Kaechele, Binnie

Joel McAllister, Onsite Engineering

Joel Thomson, Urban Systems

Jonathan Musser, Associated Engineering

Jordan Beach, Aplin Martin

Marc Winer, Dillon Consulting

Negin Tousi, David Nairne & Associates

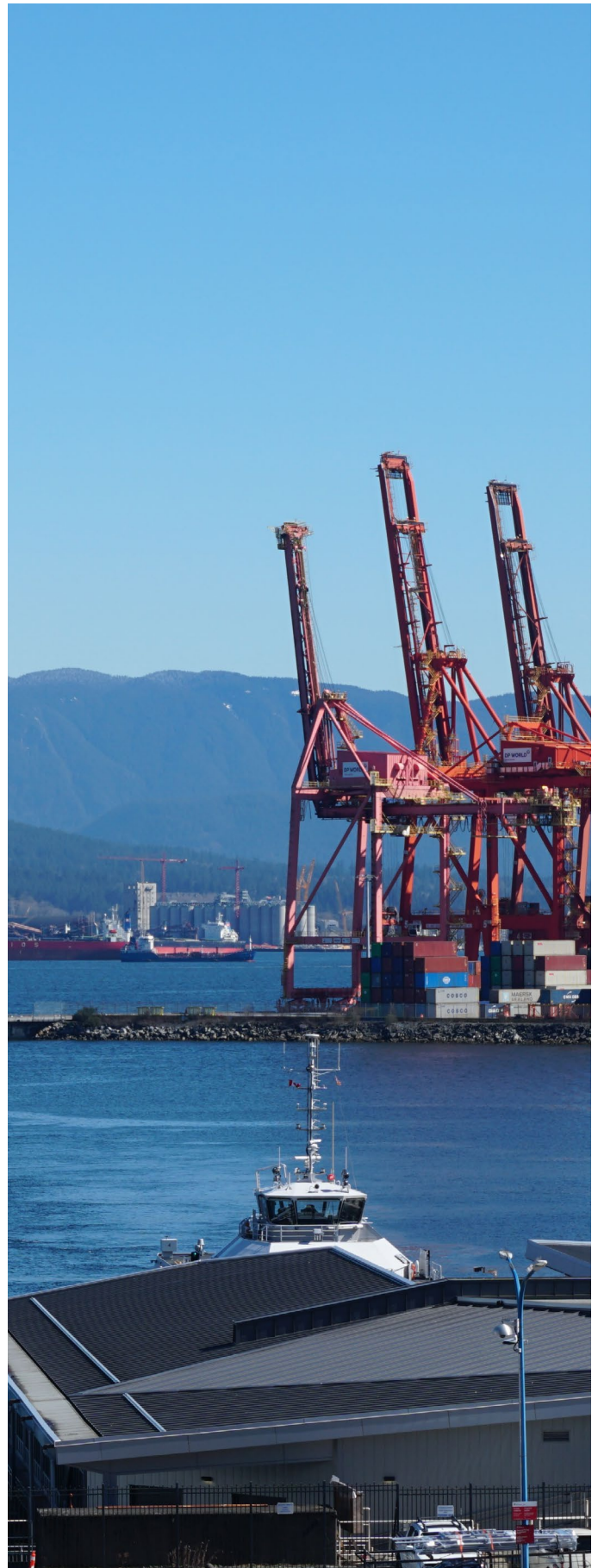
Paul Farquharson, GHD

Raya Smertina, Hatch

Temi Oduborisha, Binnie

Yariv Ben-Shooshan, Jacobs

Younes Rashidi, Hedgehog Technologies





Regulation Working Group



Katie Au

Working Group Chair

BBA

Significant work in the past year: Member Bulletin: Independent Review of High-Risk Professional Activities or Work

The Regulation working group formed in late 2022 with a purpose to discuss regulation of firms and other topics related to professional engineering practice in BC. The members are all Responsible Registrants for their firms and work together to identify and address questions about regulation and professional practice.

Over the first six months together, the group met with Engineers & Geoscientists BC on several issues including Independent Review of High-Risk Professional Activities or Work, training updates for Responsible Registrants, and P2P authentication. The group also connected with Engineers Canada to encourage provincial and territorial regulators to consider coordination of reporting continuing education for professionals registered in multiple jurisdictions. The working group have also connected with the two ACEC-BC appointees to EGBC Advisory Groups.

In April the group published a Member Bulletin on Independent Review of High-Risk Professional Activities or Work and initiated a sub-group in collaboration with the Sustainability and Climate Change Committee to consider Duty of Care and climate resilience.

ACEC-BC members who are professional registrants with Engineers & Geoscientists BC and have primary responsibility or a high degree of engagement with regulated practice including oversight of the PPMP and internal training at their firm are encouraged to join the working group.

Working Group Members

Ben Haeusler, Stantec

Bernard Abelson, McElhanney

Clare Share, McElhanney

Mahdi Zarrabi, BBA

Maurizio Ponzini, Binnie

Nick Bevilacqua, Fast + Epp

Stefano Vitucci, WSP

Todd Stewart, Aplin Martin

Younes Rashidi, Hedgehog Technologies



Small Firms Council



Erin Martin-Serrano

Committee Chair

Hedgehog Technologies

Significant work in the past year: The council collaborated with EGBC to develop an ACEC-BC bulletin that outlines a pathway to practice for refugees, reflecting the established EGBC policy put in place since 2015. Additionally, the council conducted a phone survey calling every ACEC-BC small firm to gather input and identify our 2023/2024 initiatives. As a result, three key priorities emerged: Mentorship, Hybrid Office Best Practices, and Contract Culture for Small Firms.

Key information for members:

- [EGBC's Path to Practice for Refugees](#)
- A mentorship initiative in collaboration with ACEC-BC EDI committee is in the planning stages

In 2022, the council conducted an interview with the Director of Engineers and Geoscientists British Columbia (EGBC) regarding a pathway to practice for individuals in Canada under refugee conditions. A bulletin was published to announce the policy implemented in 2015. This initiative aimed to assist ACEC-BC firms in overcoming the challenges of recruiting new employees and supporting the hiring of refugees who may qualify under the policy.

To establish the council's initiatives for 2023/2024, a phone survey was conducted among all ACEC-BC small firm members. The survey aimed to identify their pain points and determine how ACEC-BC can best support them. Based on the collected data, the council identified three top initiatives that strike a balance between effort and impact. These initiatives include Mentorship, Hybrid Office Best Practices, and Contract Culture for Small Firms.

These initiatives enable the council to leverage existing industry programs and collaborate with other committees, such as EDI and YPG, to share resources and programs. The Mentorship program targets ACEC-BC members who are new to the industry, refugees newly arrived in the country and province, as well as those who are established in their careers. The goal of the SFC is to make use of existing programs and initiatives to minimize effort while maximizing inclusion for all members.

The Hybrid Office Best Practices initiative emerged as a response to the needs of small firms that lack the resources to research and develop an internal guide. It will be presented as a bulletin, serving as a reference for both small and large firms, ultimately benefiting ACEC-BC members.

The final initiative, Contract Culture for Small Firms, directly resulted from feedback provided by our members who expressed the need for accessible resources for small firms. This initiative will utilize an existing publication by the Business Practice Committee, which released a ["Limitations of Liability" position paper](#) in February 2023.

By utilizing existing programs and addressing the specific resource requests of ACEC-BC small firms, these initiatives serve the best interests of all members and align with the needs expressed in 2023/2024.

Committee Members

Adel Elgabry, Elgabry Engineering Inc.

Josh Lock, Collings Johnston

Charles Lewthwaite, Hedgehog Technologies

Colin Commandeur, Great Northern Engineering

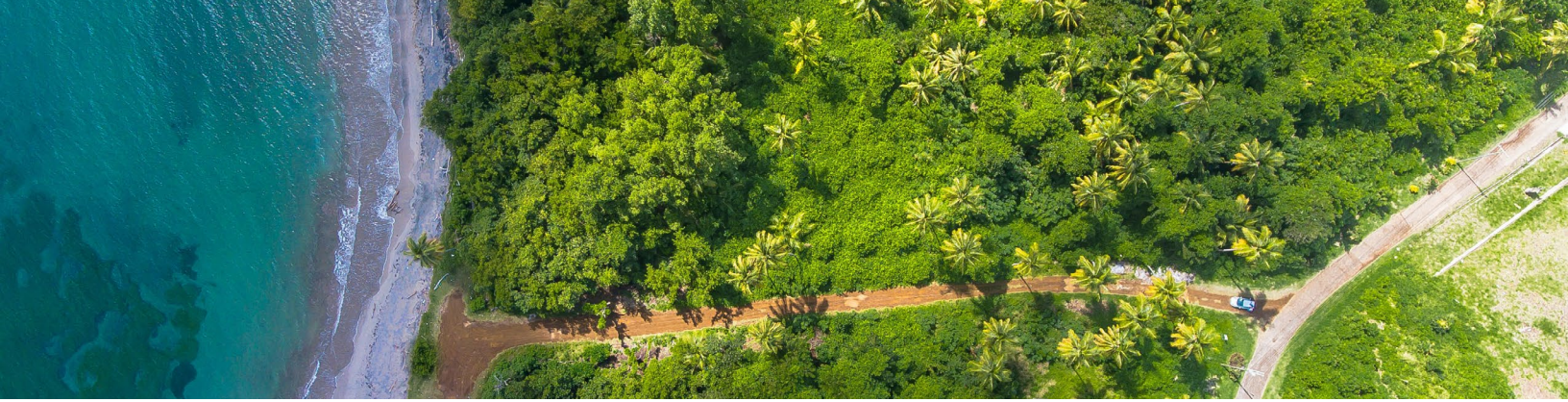
Ian Steele, PBX Engineering

James Lee, Bunt & Associates

Joe DiPlacito, RAM Consulting

Sean Fritzsimmmons, Central Nervous Systems

Tim Stanley, Stratice Consulting



Sustainability and Climate Change



Pia Abercromby

Committee Chair

McElhanney

Significant work in the past year: ACEC-BC Position on Climate Change accepted by the Board and published to the ACEC-BC website

The Sustainability and Climate Change Committee has now been in place for two years and is forming strong connections with other ACEC-BC committees. The group acts as a forum to share information on, to advance and to advocate for best practices and resources relating to sustainability and climate change. Meetings most often start with a presentation from a client, committee member or supplier providing information on a project, new technology, service or similar.

After having the Board accept the ACEC-BC Position on Climate Change drafted by the committee, the team have been working on a number of initiatives for the year, focusing on setting a strong foundation for the group.

- Creating connections with academia to allow for multi-directional travel of information between industry and academia. The task force for this action is in the process of coordinating a webinar for members in conjunction with the **Pacific Climate Impacts Consortium** (University of Victoria) regarding common questions about climate change for engineers and clients.

- Drafting a bulletin for clients regarding guidance for including climate change in procurement. It is expected this will be published in 2023.
- Providing input for a bulletin on the use of General Use Limestone (GUL) cement drafted by the Transportation Committee.
- Providing feedback for Engineers and Geoscientists BC sustainability and climate change related committees.

The in-progress actions from this list will continue to be a focus for the coming year, along with writing a bulletin on the definition of sustainability. We are looking forward to the next year of committee actions, with Alex Minett stepping into the Chair role for the group.

Committee Members

Afzal Waseem, Tetra Tech

Al Strang, Morrison Hershfield

Alex Minett, Thurber

Bernard Abelson, McElhanney

Craig Sutherland, KWL

Edwin Castrejon, Associated Engineering

Genevieve Brown, NHC

Hong Zhang, WSP

Ivan Lee, Morrison Hershfield

Jiansen Zhang, Parsons

Robyn Casement, Associated Engineering

Selina Gandha, Urban Systems



Transportation Committee



Mark Byram

Committee Chair

Thurber Engineering

Significant work in the past year:

1. Port Authority Mixer
2. Member Bulletin: GUL Cement

The Transportation Committee provides overarching support to the Transportation Industry through the following:

- Acting as a sector advisor to the board.
- Developing and / or reviewing tools, practice content and advisory documents for use by practitioners.
- Promoting the necessity of resilient, safe and efficient transportation networks,
- Promoting the durability and sustainability of transportation infrastructure,
- Promoting the use of engineering consultants to address infrastructure needs,
- Promoting Qualification-Based Selection (QBS) procurement of engineering services,

The Committee provides support and collaborates with other transportation related committees (e.g. MoTI Liaison Committee, TransLink Liaison Committee, Municipal Engineering Committee) and intends to be the primary source of contact for other transportation sector stakeholders.

This year the committee has focused on collaboration with the Sustainability Committee and the MoTI Bridge Liaison Committee to develop the GUL Cement Member Bulletin. The bulletin provides context on the use of General use Limestone (GUL) cement in concrete.

The history of GUL cement in the province is discussed along with environmental impacts and effects on current and ongoing transportation projects. Additional information is provided on how to decrease the carbon footprint of concrete which is in line with the Cement Association of Canada Action Plan which aims to make cement net-zero by 2050.

We were able to reconnect with the Vancouver Port Authority for a client engagement event which provided information on the Port of Vancouver Supplier Diversity Program, discussion on Progressive Design Builds, and an update on the Roberts Bank Terminal 2 (RBT2).

The update for RBT2 provided context on why the expansion was needed to support Canadian trade and how the Port of Vancouver aims to become the world's

most sustainable port. Subsequently, the project has received approval from the government of Canada which aims to support the forecasted demand for container trade to the region.

BC is still recovering from flooding in the fall of 2021 and our consulting engineering firms continuing to support the BC Highway Reinstatement Program. Efforts are being made to reconstruct with more resilient infrastructure.

Additional major project highlights include the Steveston Interchange Project, Pattullo Bridge Replacement, Highway 91/17 Upgrade Project, Kicking Horse Canyon Project – Phase 4, and Broadway Subway Project. Upcoming foreseen projects include the Fraser River Tunnel Project, which is to be a new, toll-free eight-lane immersed tube tunnel will replace the existing George Massey Tunnel on Highway 99. The new tunnel aims to align with regional interests and provide an active-transportation connection across the Fraser River. Additionally, the planned Surrey Langley Sky Train Project (SLS Project) is a 16-km elevated extension of the existing Expo Line primarily along Fraser Highway from the current terminus at King George Station in the City of Surrey, through the Township of Langley to a new terminus station at 203 St. in Langley City Centre. The Project includes eight new stations, three new transit exchanges, and nine new propulsion power substations.

The Transportation Committee continues work to update the Budget Guidelines for Engineering Services – Infrastructure and Transportation document. The diversity of the members of the group has served us well in this process which has brought varied perspectives and experiences into the discussions.

The committee members look forward to connecting with additional stakeholders and individual members in the coming year.

Committee Members

Aled Griffiths, Mott MacDonald

Amy Hunter, PBX Engineering

Anne-Marie Langlois, COWI

Arman Shahnaz, Mott MacDonald

Christopher Scollard, Kiewit

Courtney Gosselin, GHD

Emre Oruklu, WSP

Gabriela Maciel-Jobb, Ausenco

Martin Devonald, BGC Engineering

Neal Cormack, ISL Engineering

Raya Smertina, Hatch

Richard Bush, Binnie

Ryan MacPherson, SNC-Lavalin

Thomas Hoffschild, AECOM

Vijay Kallur, Arcadis



Ministry of
Transportation
and Infrastructure



Transportation Conference Organizing Committee



Chris Thurburn-Huelin

Committee Chair

Lafarge Canada

Significant work in the past year: Delivery of the 2023 Hybrid Transportation Conference – January 31 and February 1, 2023

The Transportation Conference Organizing Committee serves as a planning team that delivers the annual transportation sector conference in partnership with the Ministry of Transportation & Infrastructure (MOTI) and TransLink. Monthly meetings are held to generate programming, source speakers, and coordinate delivery requirements for the conference. The committee strives to incorporate topical messaging on key initiatives from MOTI and TransLink, along with relevant initiatives from other transportation agencies in BC. Working with the MOTI team, the committee supports integration of the annual BC Consulting Engineers Awards ceremony into the conference agenda.

As planning began, the committee were unsure of the delivery approach so utilized the **ACEC-BC Events Framework** to support engagement of our intended

audience and to deliver the conference in a way to balance accessibility and engagement. With these goals the committee agreed to move forward with a hybrid conference, presenting content virtually on January 31 and connecting in person for tours and dinner on February 1. This approach was enthusiastically supported by the Ministry of Transportation & Infrastructure for the purpose of recognizing excellence through their awards program.

Conference program:

The conference program focused on content that would benefit ACEC-BC members and our partners, and was hosted virtually on Tuesday, January 31. More than 500 people across Canada, the US, UK, and Australia registered and joined online to engage with more than 24 speakers. The virtual format supported us to go back to two content streams in the afternoon with keynote speakers presenting to the full audience in the morning. The conference partners – TransLink and the Ministry of Transportation & Infrastructure – were very engaged in preparation and provided exceptional content for the event. Similarly, the conference benefited from strong engagement with Transportation Investment Corporation, who provided content and attended the event in numbers not seen at past events.

Connection and awards:

The committee developed two tours including a site visit to the Broadway Subway project and a walking tour of the Richards Green Complete Street. Afterwards, guests enjoyed a reception followed by the BC Transportation Consulting Engineers Awards & Dinner.

Outcomes:

The format and venue supported attendance growth over 2022, with an increase of about 15% including greater participation from our conference partners TransLink and the Ministry of Transportation. We were delighted to welcome the Hon. Dan Coulter, Minister of State for Infrastructure and Transit, and Deputy Minister Kaye Krishna and Assistant Deputy Minister Kevin Volk from the Ministry of Transportation & Infrastructure. Also attending were Amanda Farrell, CEO of the Transportation Investment Corporation and Kevin Quinn, CEO of TransLink.

Our Community Partner program – first introduced in 2020 – continues to bring benefit to community organizations and conference participants. This year the committee invited BEST (Better Environmentally Sound Transportation) who joined the conference program, attended the networking event, and benefited from a donation from the organizers.

The committee were also delighted to welcome strong response to requests for sponsorship, which benefited the quality of the program and helped cover the Association's investment in the conference.

Looking forward to 2024, the committee anticipates the opportunity to seek new ways to engage participants across the province, serving the needs of the industry and our partners.

Committee Members

Andrew Swift, Binnie

Brett Oystensen, McElhanney

Brook Robazza, TY Lin

Danielle Soloducha, Kenedee Ludwar,
Ministry of Transportation & Infrastructure

Emily Tackaberry, Kenedee Ludwar, Ministry
of Transportation & Infrastructure

Erin Peterson, Ministry of Transportation &
Infrastructure

Katherine Miller, Mott MacDonald

Kenedee Ludwar, Ministry of Transportation
& Infrastructure

Kristine Majlath, Kiewit Engineering Services

Kurtis Mayne, ISL Engineering

Maryam Tabeshian, McElhanney

Melina Mascarenhas, TI Corporation

Michael Iskandar, ACEC-BC

Patrick Stancombe, Associated Engineering

Rippan Bhattacharjee, GHD

Winston Guo, TransLink



TransLink Liaison Committee



Ian Steele

Committee Chair

PBX Engineering

Significant work in the past year:

- Held three Committee meetings, with continued dialog on a number of relevant topics.
- Held elections for new Committee members.
- Supported and hosted the annual mixer in-person.

The Terms of Reference for the committee was prepared and adopted by the Board in 2021. The primary purpose of the committee is to provide a mutually beneficial relationship between ACEC-BC and TransLink that builds on open communication, allows dialog to improve delivery and quality of consultant services that supports TransLink to deliver its annual capital and maintenance programs that underpin the efficient and effective operation of the regions transport network.

The Committee continues to be very active. Meetings were held in September, December, and March. In advance of the December meeting, a call for new Committee members was issued. The Committee strives to maintain a roster of six members, including the Chair and Past Chair. Ian Steele took over as Committee Chair and Aled Griffith moved to the Past Chair position. A high degree of interest was exhibited in participating on the Committee and more candidates came forward than positions available, so an election was held and the four additional positions were filled.

The new Committee members were announced at the December meeting. The Committee wishes to acknowledge the long-term participation and support of Bernard Abelson who departed the Committee at this meeting.

As part of the March meeting, the topic of COVID-19 was dropped from the agenda, which was a deletion welcomed by all. TransLink provided regular updates on ridership recovery, resiliency and climate action plans, maintaining a state of good repair, and key project updates. The Committee continued to engage with TransLink on a range of topics, including rising construction costs, design consultant performance, and consulting industry capacity.

Discussion on procurement practices included the procurement lookahead initiative, incorporating EDI into procurement processes, and on-going timely feedback for proposal submissions.

In February, the Committee supported ACEC-BC in hosting the annual TransLink Mixer event. This year's event saw a much-welcomed return to an in-person format, with a hybrid virtual component. Despite robust winter weather on the day of, the event took place with a full in-person audience, attesting to the interest in and value of engaging with TransLink. The presentations were full of meaningful content, resulting in significant questions and dialog. Feedback on the event was overwhelmingly positive.

Committee Members

Adam Christian, exp
Aled Griffiths, Mott MacDonald
Alvin Tse, ISL
Basse Clement, MCSL
Bernard Abelson, McElhanney
Glenn McIntyre, Stantec
Ian Steele, PBX Engineering Ltd.
James Hnatiuk, Hatch
Scott Campbell, Binnie
Tamsin Silvester, WSP



TRAN Liaison Committee



Christian Babuin

Committee Chair

Tetra Tech

Key information for members:

The TRAN Liaison Committee's purpose is to Liaise with the BC Ministry of Transportation and Infrastructure to:

- Promote the use of engineering consultants to support TRAN program delivery.
- Promote the interests and requirements of consulting engineers to TRAN.
- Promote TRAN Qualification-Based Selection (QBS) procurement of engineering services.
- Promote industry-wide transfer of knowledge and succession planning.
- Discuss, as appropriate, jointly or independently, promoting the necessity of good, efficient transportation network.

The TRAN Joint Liaison Sub-Committee had met several times through the past year, and recently have been able to return to in person meetings (for a portion of

the attendees) with additional connectivity through online platforms. Significant work in the TRAN Liaison Committee in the past year included:

- QBS - Continued support for QBS for Ministry contract procurement – A number of contracts that included a price component (non-QBS) were identified by member firms, and forward to the TRAN committee chair for action. In all cases these RFPs were forwarded to the Chief Engineer for attention. Addendums were issued in some cases to remove the pricing component, but not all. Member firms should be encouraged to continue to identify these contract issues and raise them to the TRAN Committee to forward and discuss with the Ministry. Promotion of QBS is one of this committee's highest priority, ongoing objectives and remains in the discussions with every meeting of the JLC.
- BC Flood Recovery Program and Alliance Design Build Projects – The committee has both received information from the MoTI and provided feedback on the procurement and delivery of major projects utilizing the Alliance Design Build procurement method. The MoTI have indicated that we may see future project procured using this methodology outside of the BC Flood Recovery program.

- Re-Engagement of Consultants for Legacy Projects – the committee has been working with the MoTI on language that would allow the MoTI to re-engage consultants that previously had completed work on projects that had been placed “on the shelf” and require minor updates to move them to be ready for tender. Efforts on this language are ongoing.
- BC Bid Replacement Project – the MoTI (and other branches of government) have moved to the new BC Bid online platform. The committee has provided feedback to the MoTI on the implementation of aspects specifically related to MoTI proposals and projects.

Committee Members

Amanda Pellam, ISL Engineering

John Dick, Hatch

Jonathon Borch, Urban Systems

Kevin Leggett, McElhanney

Paul Evans, Thurber Engineering

Shane Cook, Associated Engineering



Young Professionals Group



Donovan Klassen

Committee Chair

CTQ Consultants

Significant work in the past year:

- Held an in-person strategic planning session with ≈20 keen members from around the province to propel next years groups focus in developing the next 3 year plan.
- Successfully hosted the 6th Annual YP Conference held in September 2022, with four simultaneous in person networking sessions (one in each region), and 180 participants virtually

Key information for members: The purpose of the YPG is to promote and empower Young Professionals (YP's) in the consulting engineering business and help them develop their careers through professional development and networking events as well as mentorship and leadership opportunities within the consulting engineering and broader community.

The 2022/2023 year was transitional for the YPG with the lingering effects of the pandemic challenging our ability to maintain and build new engagement. However, we managed to overcome obstacles and make significant progress towards our goals.

2022 YP Conference:

This year the YPG successfully delivered the 6th Annual Young Professionals Conference, ACEC-BC's first fully hybrid event. The conference planning committee – Co-Chaired by Brook Robazza and Hadi Adhahassani – coordinated with YPG volunteers in four regions (Lower Mainland, Vancouver Island, Okanagan, and Northern) to host simultaneous in-person networking events to kick off the 3-day event. Conference content was delivered on Hopin allowing more than 180 young professionals to connect and learn on-line. The conference included more than 20 speakers including members, clients, and thought leaders.

Professional Development:

Over the course of the year several events were hosted with different regions taking on responsibility for event development. Early in the year the YPG worked with the EDI Committee to host Working Towards Reconciliation about building inclusive relationships with Indigenous Peoples. In February we hosted the annual event with the Chair, ACEC-BC where we heard about Richard Bush's career journey and the impact that his ACEC-BC engagement had on his career so far. In May the Prince George chapter hosted a breakfast session on Contractor Relations.

2023 YP Strategic Planning Session:

Balancing zoom fatigue and competition for time, the YPG Provincial Steering Committee undertook a planning session in April. 20 YPG leaders from across the province met in Vancouver over two days to discuss the future of the YPG and engage in lively debate about our identity, brand, and strategy. The session was facilitated by Ben Abbasipour from the ACEC-BC team and included an inspiring session with past YPG Chairs who shared their career journey and the impact the group had on their personal and professional development. The event left members energized and enthusiastic about the year ahead.

Engaging new volunteers:

Over the course of the year we welcomed new volunteers who are eager to support YPG renewal and to connect with their peers across the province. The new cohort have got straight to work planning the 2023 YPG Conference and have taken up other important leadership roles within the YPG.

We are renewing our Company Champion list which will support the incoming Chair and Steering Committee to better connect with members across the province. The YPG are also continuing to support engagement with the next generation of consulting engineering by supporting school and post-secondary outreach and are seeking other venues where they can share their experience in the industry.

Leadership Circle:

Introduced in 2020, the Leadership Circle continues to be an important fund to support young professionals across the province. The fund allows us to sponsor the YP Award winner to attend the ACEC Canada and FIDIC conference, has supported funding for speakers and event facilitators, and has generally helped to offset costs particularly for regional events. The YPG Provincial Steering Committee would like to thank all members who contribute to the fund for their generosity and their commitment to our organization.

Board engagement:

Each year the Board delegate appointment of a Director to the YPG. It has been a pleasure to serve on the Board over the past year including participation in the Board retreat in September. The session focussed on both our relationship with government and the future of the Association, and it was a great chance to ensure that the next generation's voice was heard in these important discussions.

I would also like to thank the Board for joining the YPG planning session. Connecting with our core volunteers was inspiring and we appreciated the time spent together.

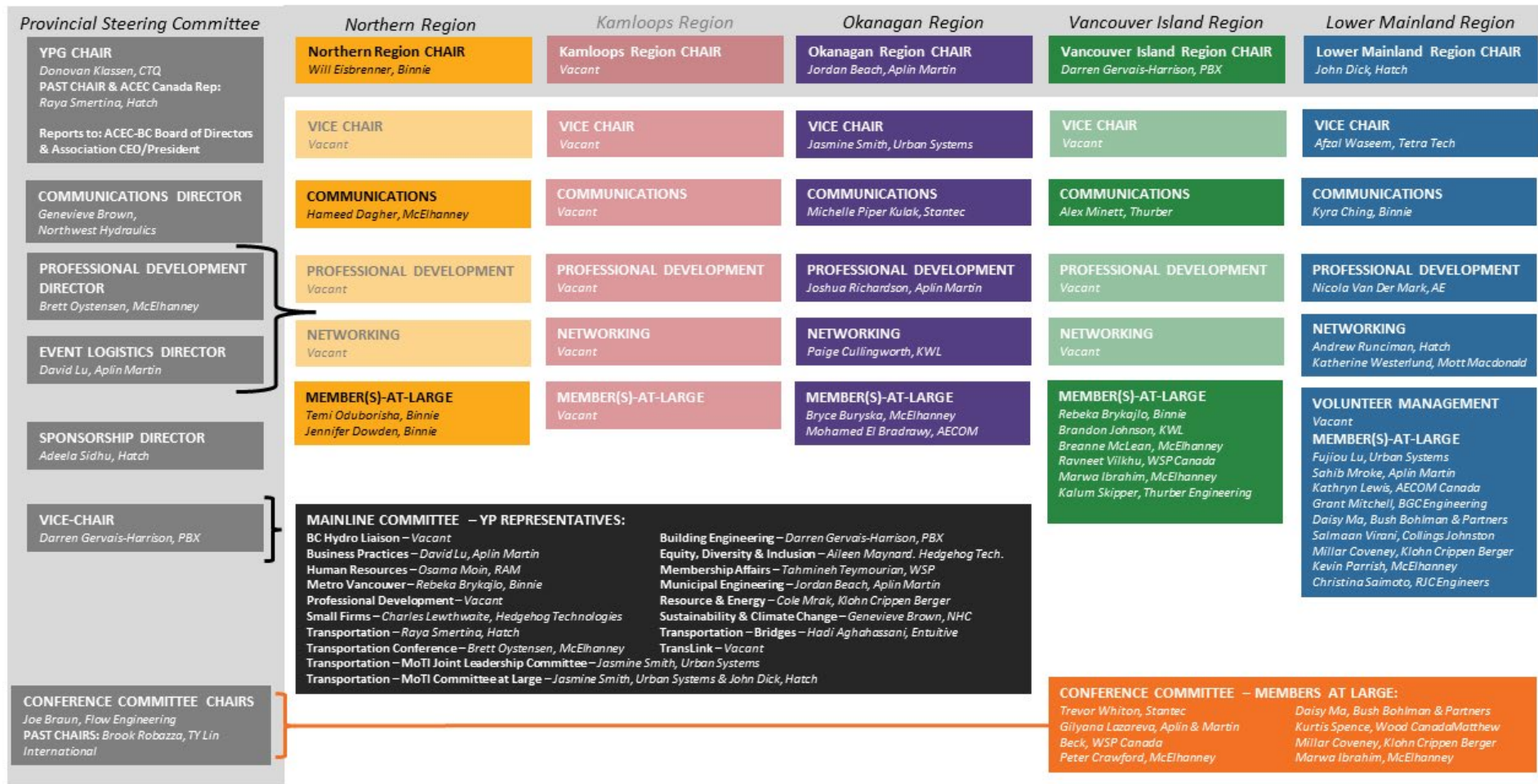
Conclusion:

Despite the challenges we faced, the YPG managed to adapt and make progress toward our goals. We are proud of our new learnings, the success of our events, the increased engagement from our members, and the involvement of new volunteers.

As we move forward, we remain committed to renewing engagement with existing volunteers, enhancing our regional committees, and fostering a supportive and inclusive community for young professionals in the consulting engineering industry. With the positive momentum gained this year, we are optimistic about the future of the YPG and look forward to accomplishing even more in the coming year.

On behalf of the Young Professionals Group, I would like to express our gratitude to all our members, volunteers, and partners for their dedication and support. Together, we will continue to grow, learn, and create a thriving community within the ACEC-BC family.

ACEC-BC Young Professionals' Group – Committee Structure and Organizational Chart (2022-2023)



Events 2022-2023

Date	Event Name
April 2022	<ul style="list-style-type: none"> · 2022 Awards for Engineering Excellence Virtual Gala · 2022 Awards for Engineering Excellence Reception
May 2022	<ul style="list-style-type: none"> · Project Success Through Better Communication
June 2022	<ul style="list-style-type: none"> · Working Towards Reconciliation · 2022 ACEC-BC Annual General Meeting · 2022 Virtual Client Mixer with City of Surrey · 2022 Awards for Engineering Excellent Winner's Reception
September 2022	<ul style="list-style-type: none"> · 2022 Young Professionals Conference
October 2022	<ul style="list-style-type: none"> · Evolving Use of Drones in Technical Practice with BC Hydro · Resilient Design and the Evolving Standard of Care
November 2022	<ul style="list-style-type: none"> · Construction Risk Management
January 2023	<ul style="list-style-type: none"> · Transportation Conference 2023
February 2023	<ul style="list-style-type: none"> · Career Journey with Richard Bush: How did I get here? · Client Engagement Breakfast with TransLink
March 2023	<ul style="list-style-type: none"> · ACEC-BC Past Chair Dinner · Leadership in Consulting Engineering Program Celebration



Sponsors

- ACCIONA
- AECOM
- Aecon Group Inc
- Associated Engineering
- AXA XL
- Axis Insurance
- Bay and Associates
- BBA
- BFL Canada
- Binnie
- CIMA Canada Inc.
- COWI North America
- exp Services Inc.
- GeoScan
- Harper Grey
- Hatch
- Hedgehog Technologies Inc.
- ISL Engineering and Land Services
- Kerr Wood Leidal Associates Ltd.
- Klohn Crippen Berger
- Kontur Geotechnical Consultants Inc.
- Marsh Canada
- McElhanney
- Mott MacDonald
- NorLand Limited
- Northwest Hydraulic Consultants Ltd.
- Parsons
- PBX Engineering
- Peter Kiewit Sons ULC
- RAM Consulting Inc.
- SLS Lighting
- Stantec
- Stites CO
- Stratice Consulting
- TD Insurance
- Tetra Tech
- The Langley Concrete Group
- Thurber Engineering
- Twining, Short & Haakonson, Barristers
- Tybo
- Urban Systems Ltd.
- Vector Geomatics
- Victor Insurance
- WSP

ACEC-BC Organization Chart



Corporate Members

AECOM Canada Ltd.
Allnorth Consultings Ltd
Aplin & Martin Consultants Ltd.
Arcadis Canada Inc
Associated Engineering (B.C.) Ltd.
Ausenco Engineering Canada Inc.
Basis Engineering
BBA Inc.
BGC Engineering Inc.
Binnie
BKL Consultants Ltd.
Brown and Caldwell
Bunt & Associates Engineering Ltd.
Bush Bohlman & Partners
CDM Smith Canada
Charter Project Delivery Inc
Chatwin Engineering Ltd.
CIMA Canada Inc.
Collings Johnston Inc.
COWI
CTQ Consultants Ltd.
David Nairne + Associates Ltd.
Delve Underground
DIALOG
Dillon Consulting Limited
DMD & Associates Electrical Consultants
Elgabry Engineering Inc.
Entuitive Corporation
exp Services Inc.
Fast + Epp Structural Engineers
Flow Engineering
GHD Ltd.
Gygax Engineering Associates Ltd.
H.H. Angus & Associates Ltd
Hatch Ltd
HDR Corporation
Hedgehog Technologies Inc.
Horizon Engineering Inc.
IBI Group
InterCAD Services Ltd.
ISL Engineering and Land Services Ltd.
J.E. Anderson & Associates

Jacobs
Kerr Wood Leidal Associates Ltd.
Kiewit Engineering Group Canada ULC
Klohn Crippen Berger Ltd.
Knight Piésold Ltd.
Koers & Associates Engineering Ltd.
Kontur Geotechnical Consultants Inc.
Layton Consulting Ltd.
McElhanney Ltd.
MCW Consultants Ltd.
Mobility Foresight Service Ltd
Moffatt & Nichol
Morrison Hershfield Limited
Mott MacDonald Canada Limited
Northwest Hydraulic Consultants Ltd.
Onsite Engineering Ltd.
Parsons Inc.
PBX Engineering Ltd.
Pinchin Ltd.
Piteau Associates Engineering Ltd.
RAM Consulting Inc.
Read Jones Christoffersen Ltd.
RKTG Associates Ltd.
Roy Campbell Ltd.
Senez Consulting Ltd.
SKC Engineering Ltd.
SNC-Lavalin
SRK Consulting (Canada) Inc.
Stantec
Stratice Consulting
StructureCraft
T.Y.Lin International Canada Inc
Tetra Tech Canada Inc.
Thurber Engineering Ltd.
TWD Technologies Ltd.
Urban Systems Ltd.
Water Street Engineering Ltd.
Watson Engineering Ltd.
Weir-Jones Engineering Consultants Ltd.
Westmar Advisors Inc.
Wood Canada Ltd.
WSP Canada Inc.

Associate Members

Advance Principle Consulting
ACCIONA
Axis Insurance
BA Blacktop
Bay & Associates
Blakiston Consulting
BFL Canada
Central Nervous Systems
Flatiron Constructors Canada
Harper Grey LLP
Outpost Recruitment
Pomerleau
Premiere Traffic Data Services
SLS Lighting
Singleton Urquhart Reynolds Vogel LLP
Tybo Contracting
The Langley Concrete Group
The Lokhorst Group Ventures
Torus Talent Consultants
UAViation Aerial Solutions
Vector Geomatics Land Surveying
Vega Instruments Canada
Wylie-Crump Limited

Client Members

City of Abbotsford
City of Burnaby
City of Coquitlam
City of Kelowna
City of Maple Ridge
City of Surrey
City of Richmond
FortisBC
Island Health
Regional District of Nanaimo
Township of Langley
TransLink



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BRITISH COLUMBIA

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