

2020 COUNCIL ELECTION

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# MEET THE CANDIDATES

PUBLISHED AUGUST 31, 2020



ENGINEERS &  
GEOSCIENTISTS  
BRITISH COLUMBIA

**President, Vice President, and Councillor Candidate Materials**

# 2020 COUNCIL ELECTION INFORMATION

Under the *Engineers and Geoscientists Act* (Act) and Bylaws, Council is comprised of the President, Vice President, Immediate Past President, 10 Councillors elected by registrants, and four Councillors appointed by the Lieutenant Governor in Council (Government).

This structure will be in place for the 2020/2021 Council year, but changes to Council composition will be introduced for future years once the *Professional Governance Act* (PGA) comes into force in the Fall of 2020. Term lengths for Councillors elected in 2020 will be confirmed following the election in order to support an appropriate staggering of terms during the transition from the current Council composition to the new requirements. Term lengths for Councillors will be determined based on the number of votes received.

## CANDIDATES TO BE ELECTED

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### **PRESIDENT**

Two candidates are running for the office of President. The candidate that receives the largest number of votes will be elected for a one-year term.

### **VICE PRESIDENT**

Two candidates are running for the office of Vice President. The candidate that receives the largest number of votes will be elected for a one-year term.

### **COUNCILLOR**

Seven candidates are running for the office of Councillor. The five candidates in this category receiving the largest number of votes will be elected. Term lengths for Councillors will be determined based on the number of votes received.

Should an additional Councillor position become vacant as a result of the election, the candidate receiving the next highest number of votes will fill any vacancy that becomes available.

## CONTINUING COUNCILLORS

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The following councillors will be entering the second year of a two-year term: Mark Adams, P.Eng., Christine Lambert, P.Geo., Nathan Ozog, P.Eng., FEC, Tom Tiedje, P.Eng., and Jeremy Vincent, P.Geo. Lianna Mah, P.Eng., FEC, will continue for one additional year in the role of Immediate Past President.

The following government appointees are continuing their term on Council: Alan Andison, BA, LLB, Suky Cheema, CPA, CA, Leslie Hildebrandt, ICD.D, LLB, and David Wells, JD.

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# PRESIDENTIAL CANDIDATES



ENGINEERS &  
GEOSCIENTISTS  
BRITISH COLUMBIA

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## PRESIDENTIAL CANDIDATE (one to be elected)



**G.D. (Garth) Kirkham, P.Geo., FGC | Burnaby, BC**

I am seeking your support for President of Engineers and Geoscientists BC as I am committed to the EGBC mission which is *“to serve the public interest as a progressive regulator that supports and promotes the engineering and geoscience professions”*. I have served EGBC for many years because I believe in regulation of the profession and am committed to public protection. I believe that it is the duty of every professional to participate and do their part in ensuring the health of the association and the profession.

I also believe that in these increasingly uncertain and divisive times, the kind of leadership and trust that engineers and geoscientists bring to society is critically important, needed, and necessary. To ensure that truth and fact are honored through knowledge and science. Our values of integrity, accountability and innovation in our governance, administration and delivery of service will guide me in the year that follows as your President.

I think that now is a critical time of renewal and revitalization for our association with the advent of the new Professional Governance Act. It is more important, now than ever before, for us to do our best for society. As President, I will take responsibility and accountability for the direction of the association as it enters its second century.

I have a passion for standards and best practices having been at the forefront of regulation and taken a leadership role in creation and maintenance of professional guidance not only in BC but throughout Canada and internationally. Having served EGBC and CIM for many years by providing industry and the Canadian Securities Administrators with definition standards and guidance, has shown me the importance of Best Practices as a tool for protection of the public. In this role, I have also taken a seat on the international stage as good governance and practices do not stop at our borders and Canadian leadership is valued and appreciated throughout the world.

I am also a strong believer in governance having served as national President of the CIM where I was focused on developing and implementing a multi-year strategic plan. This was done during a crisis in the industry which was excellent preparation for the challenges that our association faces in the coming years. I have also acquired valuable experience whilst serving as a director on the boards of many public companies and I am acutely aware of the duty of care of a director and the need for solid governance policies and practices.

In closing, I am honored to have been nominated as your President and should I be successful, I look forward to serving the association to best of my abilities.

### EDUCATION

B.Sc. (Geophysics), University of Alberta, 1983

### PROFESSIONAL HISTORY

President and Principal, Kirkham Geosystems Ltd., 1997–present

Director, ValOre Ltd. (previously Kivalliq), 2010–present

Director, Romios Gold Resources Inc., 2004–present

Director, Kaminak Gold Corp., 2009–2012

Director, Group Ten Metals Ltd. (previously Duncastle), 2006–2010, 2015–2017

Vice President, Industry Liaison, Geoscience BC, 2008–2011

Senior Consultant, Wenco, 2000–2003

Vice President, Lynx Geosystems Inc., 1988–1997

Geophysicist, CGG Geophysics Canada Ltd., 1983–1985

## ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Member, Fairness Panel, 2015–present  
Member, Geoscience Committee, 2008–present (Vice Chair 2014– 2017)  
Application Reviewer, Registration Committee, 2006–present  
Member, Nomination Committee, 2018–2019  
Chair, Geoscience Experience Task Force, 2012–2014  
Member of Council, 2010–2011, 2012–2014  
Member, Registration Committee, 2011–2014

## RELATED PROFESSIONAL ACTIVITIES

Director, SEG Canada Foundation, 2019–present  
Representative of Canada, Committee for Mineral Reserves International Reporting Standards, 2018–present  
Director, CIM Foundation, 2017–present  
Past President, Canadian Institute of Mining, Metallurgy and Petroleum, 2017–present  
Director, Canadian Geoscience Foundation, 2014–present  
Various roles, including Vice President, President, Past President, CIM Geological Society, 2010–present  
Director, Chair Securities Committee, Chair Audit Committee, Geoscientists Canada, 2020  
Director, Mineral Deposits Division, Geological Association of Canada, 2006–2020 (Vice-Chair, Chair and Past Chair, 2006–2009)  
Chair and Co-Chair, Various Committees, Canadian Institute of Mining, Metallurgy and Petroleum, 2010–2018  
Incoming President Elect, President Elect, President, Canadian Institute of Mining, Metallurgy and Petroleum, 2013–2016  
Chair, Vancouver Mineral Exploration Group, 2012–2014  
Member, Incidental Practice Task Force, Geoscientists Canada, 2011–2012  
Various roles, Geological Association of Canada, 2006–2012

## COMMUNITY INVOLVEMENT

Member, Brock Fahney Veterans Remembrance Day Team, 2005–present  
City of Vancouver Award of Excellence, Organization Category, 2017

## AWARDS AND HONOURS

Fellowship, CIM, 2017  
CJ Westerman Memorial Award, Engineers and Geoscientists BC, 2015  
Distinguished Lecturer Award, CIM, 2013–2014  
Fellowship, Geoscientists Canada, 2013  
Baldy Award, CIM, 2012  
J.C Sproule Memorial Northern Exploration Award, CIM, 2010  
Fellowship, Society of Exploration Geologists, 2009  
Barlow Medal, CIM, 2006

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## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

The key challenge facing the association, in the short to medium term, is related to the adoption of the Professional Governance Act. This is an era of renewal and revitalization which is a once in a lifetime opportunity so set the stage for our profession for the next 100 years. However, to do this well and to get it right, there is a lot of hard work and heavy lifting that needs to happen. There will be growing pains and adjustments but as professionals we will face the issues and challenges and solve them in coming year.

**What are the key issues facing the engineering and/or geoscience professions?**

As above, the Professional Governance Act is a challenge that the association will face on behalf of the members. As professionals, we will also face significant issues and challenges related to the added burden and requirements that we will face. In my opinion, the association can greatly serve the members with effective communication and the supports that they need to perform in compliance with the Act and the By-laws. In addition, the association is continually creating

and maintaining professional guidance and practice guidelines. It is key that the association has resources available for assist practitioners to support them so that they can do, and be, their best.

Another challenge that we will face is the 'new normal' world that COVID-19 has presented to us. The world is still navigating the consequences and there remains significant uncertainty. We can work together as engineering and geoscientific professionals to ease the uncertainty for society by continuing to ensure that our work is sound and can always be relied upon. Innovation and strong steady leadership will be a key contribution that we as professionals can bring to helping society adapt and flourish.

A continued focus on diversity and inclusion, will be needed to ensure that all voices are heard and that we benefit by way of increased innovation and continuous improvement that a diverse team brings. Plus, with an aging work force, fostering and mentoring the next generation, will also become critical.

**Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

In five years, I believe that the stature and reliance on our Engineering and Geoscience professions will grow and be of greater importance to society that demands solutions to global risks and threats. That we bring facts, truth and science to mitigate the risks and threats, our profession will be the trusted partner that will be looked upon for solutions.

**For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.**

I have extensive experience in all of the skills and competencies that are required for the role as President, acquired through my career. I have taken on leadership roles within every organization I have been involved with, and my crowning achievement was to serve as National President of CIM I am particularly proud of my achievement at CIM, particularly helping to guide the organization through a period of hardship and renewal.

My tenures on council at EGBC, CIM, Geoscientists Canada and GAC, focused on developing multi-year strategic plans along with their development, execution and implementation.

As President on CIM I had ownership of the budget and responsibility for its financial health. I am Chair of the Audit Committee at Geoscientists Canada and at many public companies.

As President of CIM, risk assessment and mitigation planning was important during a prolonged downturn in the minerals industry.

I was chair of the Governance Committee for CIM.

My extensive experience with EGBC, Geoscientists Canada and CIM has given me a strong understanding of the regulatory base of each association.

At CIM, as President and member of the board, I was directly involved in senior staff appointments, severance, compensation and advancement.

I have over 35 years of experience as a service provider to the mining, environmental and oil & gas industries. In addition, I created and instructed the 3rd Year Mineral Estimation course for BCIT Faculty of Mineral Exploration and Mining Engineering.

## PRESIDENTIAL CANDIDATE (one to be elected)



### L.B. (Larry) Spence, P.Eng., | Trail, BC

I am honoured to be nominated for the position of Engineers and Geoscientists BC President, and ask for your continued support.

Since being elected to Council in 2016, I have found the work to be both enlightening and rewarding. It has also been a challenge as the Association has undergone a significant transformation dealing with numerous complex issues that take time to fully comprehend.

We require continuity of experience on Council, as well as on going strong leadership to avoid / minimize unintended consequences while Government completes implementation of the Professional Governance Act. I look forward to the opportunity for ongoing positive contributions on behalf of the Association.

A key expectation is providing timely and effective consultation of impacted Engineers and Geoscientists. Our ability to consult with those impacted is related to the amount

of time Government allows for review and response. My continued commitment; to consult with you to the best of our ability.

I have practiced as a Professional Engineer for 30 years in BC (35 years in total); on the Island, up north, in the Lower Mainland and most recently in the West Kootenay's. My career spans working for a forest company, international original equipment manufacturers and consultant. I have a son practicing as a Structural EIT, and a high school aged daughter who currently is considering a career in Engineering. All of which provides me with a unique and broad-based Association stakeholder perspective.

I have been, and fully intend to continue utilizing that perspective while assessing and influencing proposed regulatory changes, as well as ongoing Association operations.

I am known on Council for being well prepared, and not shy about voicing my opinions in a thoughtful manner. My interactions with Association staff have always been positive, and staff have always been appreciative of my efforts to assist. I hope to continue these efforts as Council President, and lead by example.

Based on my time on Council, as well as my experience on Executive, Governance, Professional Practice and Registration committees, I am always impressed by the hard work of staff and the many volunteers that ensure our Association functions effectively. I can assure you that our collective focus is on maintaining the privilege of self-regulation. I believe this privilege benefits all Association members in maintaining the ability to proactively provide input to the regulatory expectations impacting their careers.

My plan is to continue working on key initiatives progressed during my tenure on Council.

- Establishment of Corporate regulation in 2021
- Continuing to ensure transparency of Council and Association activities
- Continuing regular review and update of the risk register for Association operations
- Improving gender and ethnic diversity and inclusion
- Maintaining focus on improvement in Continuing Education access for all areas of the province
- Increasing Association rights for MIT's
- Maintaining strong governance of the Association

If elected I will continue to stay connected with my local branches and beyond. I will continue to be well prepared and ask challenging questions at the Council table when needed, always with the best interests of our stakeholders and registrants in mind.

The President must set the right example for all Council and Senior Staff in keeping with EGBC's mission and values.



## L.B. (Larry) Spence, P.Eng., continued

Our Association and Council needs to continue working diligently on improving delivery of our mandate, particularly focusing on Government interaction and public trust as they relate to Professional Engineering and Geoscience regulation.

I urge you to stay informed, hold Council accountable and help us ensure our professions stay respected and valued.

I thank you again for the continued opportunity to serve on Council.

## EDUCATION

B.A.Sc. (Mechanical Engineering), University of British Columbia, 1983

## PROFESSIONAL HISTORY

Senior Project Manager, Wood Canada Ltd., 2000–present  
Customer Service Representative, Ahlstrom Services, 1998–2000  
Sales Manager, Kvaerner Pulp, 1994–1998  
Engineering Superintendent, Fletcher Challenge Canada, 1989–1994  
Project Engineer, BC Forest Products, 1984–1989

## ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Member of Council, 2016–2020 (Vice President, 2019–2020)  
Member, Executive Committee, 2018–2020  
Member, Governance Committee, 2017–2018  
Member, Professional Practice Committee, 2016–2018  
Member, Registration Committee, 2016–2017

## RELATED PROFESSIONAL ACTIVITIES

PMP, Project Management Institute (PMI), 2014–present  
Corporate Representative for ACEC-BC, 2011–present  
Member, Selkirk College Engineering Program Advisory Committee, 2018–2020  
Corporate Responsible Member of APEGA, 2002–2019  
Member of CIM, 2006–2012 and Paptac, 1986–2001

## COMMUNITY INVOLVEMENT

Billet family, Trail Smoke Eaters Hockey club, 2007–2016  
Youth Soccer Coach, Trail and Hinton, 2002–2013  
Member, Mackenzie Volunteer Fire Department, 1988–1994

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## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

Transitioning under the Professional Governance Act with minimal unintended consequences, while maintaining the privilege of self-regulation.

I regularly advise Engineers and Geoscientists that this new Act is the most impactful thing to happen to our professions in a century, and still too few know enough about it.

The introduction and implementation of this new governing Act has been at top of mind for Council, staff and numerous committees for the past two years. I anticipate it remaining there for the foreseeable future while individual regulations are introduced even after the existing Engineers and Geoscientists Act is phased out this fall.

The public, and therefore Government expect more from their regulators not only in British Columbia, but throughout Canada.



## **L.B. (Larry) Spence, P.Eng., continued**

The Office of the Superintendent of Professional Governance has recently provided a framework on which to assess all Association activities that are not strictly regulatory in nature. Staff has begun an assessment under Council guidance.

While we do not expect a separation of regulatory and advocacy bodies (like the Ontario model of the past 20 years), our previous government did infer this to be an appropriate path forward in BC.

We must continue to demonstrate a primary focus on regulation in the public interest and continue to consider the principles of “Right-Touch Regulation”. The next year or two will continue to require a measured approach to minimize negative impacts on current and future generations of engineers and geoscientists.

### **What are the key issues facing the engineering and/or geoscience professions?**

Continuing to promote the benefits and value of being an Engineers and Geoscientists BC registrant to the public. We all must recognize that our primary mandate as individual professionals is to uphold and protect the public interest. Our regulatory mandate as an Association is no different.

As an Association, we also generate numerous professional practice guidelines to assist with standards of care. As disciplines of practice continue to evolve, so must these practice guidelines.

Our Association has undertaken some significant initiatives with respect to diversity and inclusion, such as 30 by 30 and indigenous reconciliation. We are also developing a climate change action plan. These are important initiatives that will help evolve our professions and will require ongoing support.

We also need to maintain the Association’s high functioning regulatory activities, while providing ongoing support and guidance, for as long as necessary, to registrants under challenging conditions related to the current pandemic.

We need to be aware of public opinion, and its ability to influence Government who ultimately control how our Association operates. With the passing of the new Professional Governance Act, our Association is subject of a different level of scrutiny and will need to continue responding in an appropriate and professional manner.

All members must be advocates for our professions and Association if the privilege of self-regulation is to continue.

Please continue to support the Association as we help demonstrate to the public and Government that our professions are every bit as trustworthy and valuable as any other.

### **Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

In five years’ time I hope for:

- Continued privilege of self-regulation through a reasonably seamless implementation of the Professional Governance Act.
- Further improvement in public perception of engineers and geoscientists as professional contributors to society.
- Established value added processes for regulation of corporate practice, along with inclusion of Technician practice rights.
- Increased trust by all stakeholders in our Council and Association staff.
- Increased engagement of our registrants and stakeholders.
- Improved diversity and inclusion within our Association.
- Completion and implementation of the Climate Change Action Plan.
- Continued improvement in efficiency of Association operations.

We also need to continue recognizing that MIT’s working toward their professional designations, as well as students currently in engineering schools and geoscience programs will be applying for their Professional status in 3 to 5 years. How do we ensure that they know what will be expected of them upon entry to professional practice?

Our current Strategic Plan has been extended beyond its originally anticipated duration due to recent extraordinary workloads. It needs to be reassessed and renewed to guide Council and the Association for the following 3 to 4 years by re-setting priorities, re-establishing common stakeholder objectives, as well as intended outcomes/results. We hope to begin preparations for generating this new Strategic Plan in mid-2021.

**L.B. (Larry) Spence, P.Eng., continued**

**For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.**

I take great pride in being considered a strong contributor to Council by other councilors and senior staff. I firmly believe that actions speak louder than words, and always endeavour to lead by example.

I have contributed to the review of the Association's operating budget for the past 4 years. As a member of the Executive committee for the past 2, I assisted in the process of providing guidance for following year's Association budget.

Risk management is about assessing both the likelihood and impact of an identified risk. This allows appropriate ranking of risks to be mitigated, as well as those to simply be monitored. As Council members, we monitor identified Association risks as well as provide input to risk mitigation strategies at every Council meeting.

While a member of the Governance committee, our focus was on fair and consistent process of Association matters. I also keep a personal focus on appropriate governance practices while preparing for, and during Council meetings. As President it is crucial to maintain that focus in everything Council undertakes.

I have been a practicing engineer for 35 years and have been supervising others for most of that time. I am a past member of Wood Canada's corporate engineering leadership and quality leadership teams. As such, I was part of the group revising all engineering discipline practice procedures and generic project engineering management plans. I have overseen multi-discipline engineering teams, including 3rd party consultants, technology suppliers and contractors for most of my career.

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# VICE PRESIDENTIAL CANDIDATES



ENGINEERS &  
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## VICE PRESIDENTIAL CANDIDATE (one to be elected)



**M.A. (Mark) Adams, P.Eng. | North Vancouver, BC**

I am honoured to be selected by the Nominating Committee as a 2020 Vice Presidential candidate and am excited about the opportunity to continue serving EGBC in a higher capacity.

During the last nearly eight years as a committee member and member of Council, I have had the pleasure of working with our incredible volunteers and staff on the complex landscape of regulating the professions of engineering and geoscience in BC. I have gained a deep understanding and appreciation for both the opportunities and challenges that come with our privilege of self-regulation.

The Association is currently going through the largest change in its history with the implementation of the Professional Governance Act. Deservingly, this has been the most important focus area for Council and staff over the past several years. Alongside strategy and policy development, we have continued a close working relationship with government. This collaborative approach has enabled us to improve on the foundation

of both the original Engineers and Geoscientists Act and the recommendation of the Professional Reliance Review. Our continued strong collaboration with government during these busy times has allowed us to be seen as a trusted partner in regulation and protection of the public and environment.

Leading up to full implementation of the new Act in November 2020, this coming year will be even more critical than the last. We are making progress on initiatives such as regulation of firms, inclusion and diversity, changes to advocacy, indigenous reconciliation, and potential overlap of practice rights of the professions, but there is much left to be done. Continuity of strong leadership will be key in ensuring implementation of the new Act achieves its goals while minimizing unintended consequences. We must continue to demonstrate that protection of the public and environment is at its best when we strengthen self-regulation and move forward as a united and relevant regulator trusted by the public and our registrants.

In my career, I have had the privilege of working in various professional and non-profit roles throughout urban and rural BC as an engineer, product manager, business manager, Canadian military reserve officer, and non-profit board and committee member. As Vice President, I hope to continue utilizing this diverse experience and perspective in policy- and decision-making. I pledge to continue to be engaged, prepared, and ask challenging questions at the Council table to ensure the strategic direction and oversight we provide is sound. I commit to continue leading through transparency and consultation with registrants and stakeholders, as your diversity and insights bring immense value to our mandate and the model of self-regulation. With your support, I hope to continue contributing at a higher level to the important work we collectively have ahead.

As always, I look forward to hearing from you and thank you for your consideration and support.

### EDUCATION

M.B.A. (Consulting and Strategic Management), University of British Columbia, 2015

B.A.Sc. (Mining Engineering), University of British Columbia, 2006

### PROFESSIONAL HISTORY

Vice President, Global Proposal Management, Outotec (Canada) Ltd., 2020–present

Director, Global Proposals and Estimation, Outotec (Canada) Ltd., 2019–2020

Senior Manager, Business Development, Outotec (Canada) Ltd., 2016–2019

Officer, Royal Canadian Air Force, Canadian Armed Forces, 2004–2017

Manager, Commminution Technology, Outotec (Canada) Ltd., 2014–2016

Senior Process Engineer, Xstrata Technology Canada Ltd., 2010–2013

Process Engineer, Highland Valley Copper Mine, Teck Resources Ltd., 2006–2010

## ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Member of Council, 2019–present

Member, Audit Committee, 2019–present

Member, Professional Practice Committee, 2019–present

Mentor, Mentoring Program, 2014–present

Member, Continuing Professional Development Committee, 2013–2019 (Chair 2017–2019)

## RELATED PROFESSIONAL ACTIVITIES

Member, Industry Advisory Committee, Mining Engineering Department, UBC, 2016–present

Treasurer, Board of Trustees, SAG Conference Award Foundation, 2014–2020

Chair, Membership Committee, Mining Suppliers Association of BC, 2017–2019

Member, BC/YK Branch Committee, Canadian Mineral Processors Society, 2012–2016 (Chair, 2014–2016)

## COMMUNITY INVOLVEMENT

Member, Board of Directors, Veterans Memorial Housing Society, 2018–present

Treasurer, Board of Directors, North Shore Stroke Recovery Centre, 2017–present

Co-Founder and Co-Chair, Board of Directors, Vancouver Military Dinner Society, 2014–present

Co-Founder and Secretary, Board of Directors, Vidya School Foundation (Canada), 2016–2017

Co-Founder and Secretary, Board of Directors, Cadet Instructor Cadre Branch Association of BC, 2011–2017

## AWARDS AND HONOURS

Ray MacDonald Volunteer Award, Canadian Mineral Processors Society, 2020

Minister of Veteran's Affairs Commendation, Government of Canada, 2019

Sovereign's Medal for Volunteers, Government of Canada, 2016

Queen Elizabeth II Diamond Jubilee Medal, Government of Canada, 2012

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## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

### ***Continued Implementation of the Professional Governance Act***

Since the Professional Governance Act came into law in late-2018, Council and staff have been working closely with the BC government in the lead-up to its full implementation, which will occur in November 2020. As we make progress on changes and improvements to programs and initiatives, this coming year will be even more critical than the last. Continuity of strong leadership and a continued positive collaboration with government will be key in ensuring the new Act achieves its goals of protecting the public and environment in BC.

### ***Regulation of Firms and Continuing Education***

By mid-2021, the PGA will require programs for regulation of firms and mandatory continuing education to be operational. These programs have the potential to greatly improve public protection, but we must also stay mindful of their design and implementation to ensure they do not introduce unnecessary processes or costs to registrants and corporations.

### ***Registrant Consultation and Engagement***

Consultation and engagement between the Association and its registrants will always be important. We must continue to seek ways to demonstrate the Association's relevance and value, while at the same time seeking registrants' valuable feedback and insights on important issues.

**What are the key issues facing the engineering and/or geoscience professions?**

### ***Diversity and Inclusion***

Diversity improves innovation and decision-making, yet our professions continue to under-represented in various demographic groups, limiting our full potential. I believe this should be addressed from two angles. Firstly, by individually committing to improve our workplace cultures and breaking down systemic barriers hindering inclusion in our industries. At the same time, we must also work with youth to encourage their interest in our professions at a young age. I applaud

and continue to support initiatives such as the Engineers Canada 30-by-30 campaign and the work of our many outreach volunteers in communities and schools.

### ***Environmental Responsibility***

Our professionals are in one of the best positions to understand the environmental impacts of our work and contribute to improving global sustainability and climate change action. We must continue to keep environmental stewardship forefront in our own decision-making and lead others to prioritize the same values.

### ***Public and Government Trust***

Engineers and geoscientists are recognized by the public as having the skills, knowledge, and experience to be in the best position to regulate their peers. This, however, is a privilege we hold only with the confidence of the public and government. Sustaining self-regulation as the best model for protecting public safety will continue to require persistent dialogue to ensure trust is maintained.

### **Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

I believe the Association will look back on the next five years as a defining time in our history. Collaborating with government, we will have helped evolve the regulation of our professions in BC for the best. We will have demonstrated that protection of the public and environment is at its finest when we strengthen self-regulation. Our innovative regulatory instruments will work together to maximize public and environmental protection and be viewed as best practice for others to follow. We will have the full confidence of the public and government who will trust that we have their best interests at the forefront of decision-making. We will have a culture where our registrants are diverse, inclusive, and engaged and give back to and advance the professions through volunteering and mentorship.

**For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.**

Over the past fifteen years, I have had the privilege of working in various professional and non-profit roles throughout BC. I have worked as an engineer, product manager, business manager, Canadian military reserve officer, and non-profit board and committee member. Through this, I have gained significant experience in leadership, strategy, finance, risk management, governance, regulation, and the technical practice of our professions.

I have had the privilege of leading and developing both small and large teams as well as formally mentoring and informally coaching many individuals. I have facilitated and participated in strategic planning sessions and led the execution of many strategic initiatives. Through my education and experience as a non-profit treasurer, I am comfortable interpreting and discussing financial matters with both general management and financial experts. I have also worked closely with three accounting firms, led annual budgeting, and overseen production and analysis of monthly and annual financial statements. I consider my knowledge of governance and the role of boards and committees in organizational structure to be very high.

As a Council and committee member with EGBC, I have gained tremendous exposure and insight into the role, duties, and responsibilities of the Association and self-regulating bodies in general. Through this experience, I have also become extremely familiar with EGBC's governing legislation and bylaws, which I have helped draft over the past year. I have also gained an excellent understanding of the Association's organizational structure through my many interactions with fellow Councilors, committees, task forces, departments, and executive staff.



## VICE PRESIDENTIAL CANDIDATE (one to be elected)



**C.L. (Carol) Park, P.Eng. | Vancouver, BC**

I am grateful to have been selected by the Nominating Committee as a Vice Presidential candidate. This is an exciting opportunity for me to continue to serve Engineers and Geoscientists BC, and support our professions and regulatory body at a point in my career where I can draw on many years of professional and leadership experience to support the role of Vice President. With prior experience as a Councillor, I am familiar with the governance structure and the work of the Council. As a Biomedical Engineer I bring experience and perspective that is different from some more traditional engineering disciplines. Working in the healthcare industry, I bring a deep commitment to public safety through ensuring the safe use of medical devices in patient care.

It is an especially important time now to support EGBC in its transition from the Engineers and Geoscientists Act to the new Professional Governance Act. Through ongoing positive engagement with the Government of BC, EGBC will ensure the public interest is enhanced while achieving a balance with appropriate levels of regulatory requirements that will allow it to remain and improve its responsiveness as a regulatory body.

I bring extensive leadership experience, including working in provincial collaborative change initiatives in healthcare involving multiple organizations including the Ministry of Health, Doctors of BC, community agencies and health authorities. Currently I lead the Lower Mainland Biomedical Engineering department, which manages the safe and effective use of medical equipment for patients and providers in the four lower mainland health authorities. I chose my field of engineering in healthcare because of how strongly I felt that my work needs to contribute to helping patients, protecting their safety, and improving healthcare. I hold strong personal values of integrity, respect, and inclusion. I believe in engaging staff and stakeholders authentically to ensure that the work at hand is best informed by a wide range of experience and perspectives to help reach the best solutions. By bringing these experiences and personal philosophy to the council, I am confident I can be of service to the Council and our professions.

### EDUCATION

M.A. (Leadership and Training), Royal Roads University, 2006

M.Eng. (Clinical Engineering), University of British Columbia, 1989

B.Sc. (Engineering Chemistry), Queen's University, 1986

### PROFESSIONAL HISTORY

Executive Director, Lower Mainland Biomedical Engineering, Provincial Health Services Authority, 2017–present

Regional Director, Primary Care Integration, Vancouver Coastal Health, 2009–2017

Manager, Biomedical Engineer; Biomedical Engineering, Vancouver Coastal Health, 1989–2009

### ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Member, Standing Awards Committee, 2019–present

Registration Interviewer, 2019–present

Member of Council, 2014–2016

Member, ASTTBC/APEGBC Joint Committee, 2014–2015

Member, Audit Committee, 2015–2016

### RELATED PROFESSIONAL ACTIVITIES

Board member, Medical Device Development Centre, Vancouver, 2018–present

Membership Committee Chair, American College of Clinical Engineering, 2008–2009

Membership Committee Member, American College of Clinical Engineering, 2007–2008



## COMMUNITY INVOLVEMENT

Community Representative, Sarah Ross Modular Housing Community Advisory Committee, 2018–present

## AWARDS AND HONOURS

People First Award of Excellence for Partnering in Care, Vancouver Coastal Health, 2019

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## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

There is increasing public scrutiny of many self-regulating professions, including healthcare professionals, forestry professionals, engineers and geoscientists. As self-regulated professionals, engineers and geoscientists are entrusted with a privileged responsibility to ensure the safety of the public is put first. The Government of BC has been responding to the increased public scrutiny with changes to regulatory legislation for many self-governing professions, including ours. EGBC has been working with the government to transition from our existing and long standing Engineers and Geoscientists Act to the new Professional Governance Act, passed in 2018. This new Act brings changes and challenges to EGBC, as the professional regulator, and eventually to the professions. The impact on the professional members is still to be determined and will require further consultation and engagement with the government. And so while the intent of the new Professional Governance Act is to strengthen the protection of the public, EGBC needs to continue its positive engagement with the Government of BC to ensure public interest is enhanced while balancing this with appropriate levels of regulatory requirements. Thoughtful, patient and diplomatic engagement will be important for EGBC to achieve an optimized regulatory approach that will strengthen public safety while maintaining and improving its responsiveness as a regulator.

**What are the key issues facing the engineering and/or geoscience professions?**

### COVID-19

The challenge of functioning in a COVID-19 world is the new key challenge for all of us, organizations and businesses, including EGBC. This affects how we conduct our work, and impacts our effectiveness and work outcomes. Protecting the public takes on a whole new meaning in the time of a pandemic. Engineers and geoscientists need to adjust and adapt to function within the limitations the pandemic has created. But the professions are also in a position to help solve issues and challenges brought on by COVID-19, furthering our key purpose to protect the safety, health and welfare of the public.

### Inclusion and diversity

Balancing gender equality and addressing racial bias are required to make engineering a more inclusive and welcoming profession. This will increase the number of new members to the profession, ensuring it can meet the continued demand for engineering professionals and well as bringing more diverse approaches and perspectives to the engineering solutions that are developed.

### Emerging technology and engineering disciplines

As technology continues to evolve and develop into new and specialised areas, this brings emerging new areas of engineering practice. We need to ensure we are inclusive of, prepared to assess competency, and regulate these new and emerging fields of engineering.

### Climate change

Climate change continues to be a critical issue with both geoscience and engineering play key roles in ensuring effective and sustainable approaches and solutions are developed to protect the public and our environment.

**Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

Building on its strong position as a leading professional regulatory body for engineering and geoscience in Canada, EGBC will be seen as a forward thinking, inclusive, and responsive organization that supports and ensures the professions hold public safety paramount as they improve and positively impact society and the environment.

C.L. (Carol) Park, P.Eng., continued

For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.

My **technical background** of biomedical engineering brings diversity to Council.

With 30 years of progressive **leadership experience**, I lead a department of 200 engineering and technology staff across the BC lower mainland, have completed a Masters of Arts in Leadership, and have lead collaborative change initiatives to transform primary and community care delivery in BC.

I lead an organization with a \$30 M budget, reviewing **financial** progress, assessing new and emerging cost pressures and determining mitigation strategies.

Safely managing medical devices includes **risk management** to ensure patient safety, through assessment of new technology to ensure selection of safe and effective medical devices, implementing maintenance programs that reduce risk of equipment downtime, addressing hazards, and investigating incidents to prevent the recurrence of problems.

My extensive **HR experience** with union and non-union environments includes knowledge of proper hiring practices, respectful workplace requirements, diversity and inclusion, and performance management.

I collaboratively developed a multi-year strategic plan, including a mission, vision, values and strategic goals; and supported a large system **strategy** within the healthcare system, leading transformational change in primary and community care.

Along with understanding the professional **regulatory requirements** of our professional act, biomedical engineering has a strong focus on regulatory requirements of medical devices.

As a previous councilor on the EGBC Council, and a board member on the Medical Device Development Centre Board, I have developed knowledge and experience in board **governance**, understanding the important focus on ensuring the organization's responsibilities are being met while monitoring financial performance and strategic goals.

2020 COUNCIL ELECTION

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# COUNCILLOR CANDIDATES



ENGINEERS &  
GEOSCIENTISTS  
BRITISH COLUMBIA

Candidate materials are not edited for grammar or typographical errors, but have been formatted for consistency. The opinions expressed by candidates are not necessarily those of the association, but are permitted to ensure an appropriate and robust debate of the issues that may be of importance to registrants of the association

## COUNCILLOR CANDIDATE (five to be elected)



**T.M. (Tomer) Curiel, P.Eng., FEC | Vancouver, BC**

A tremendous opportunity exists to enable modernization and real positive change in how we are regulated; how we are regarded by the government, the public, and the membership; and to resolve fundamental questions about how engineers and geoscientists interface with other domains.

My interest in Council stems from my desire to support the growth of the professions of engineering and geoscience and the success of its practitioners. I have always maintained a strong connection to EGBC and developed relationships with members who become my friends, mentors, and coaches.

I am a Professional Engineer with 15 years of experience. In my project management role I've witnessed the high regard with which engineers and geoscientists are held. We fulfill an important role providing unbiased, thoughtful, and holistic counsel on wide ranging issues that are fundamental to our lives.

With Colliers I had the opportunity to work all across the Province and develop an understanding of the unique conditions and needs of each corner – from Fort St John to Prince George to Osoyoos; from Fernie and Nelson to Nanaimo and Port Hardy; and everywhere in between.

With TransLink I have the opportunity to work within a large organization, develop a better understanding of governance, and contribute towards developing strategic visions and long-term programs.

My current career and personal situation afford me the opportunity to commit the time and effort required to contribute in a meaningful way. I've held leadership positions through which I developed strong abilities to cultivate teams, facilitate communication, lead meetings, critically evaluate situations, and achieve consensus on difficult issues. These are all key skills that will allow me to contribute to a successful term on Council and serve the needs of our members. I am committed to listening to the concerns brought forward, learning from the diverse voices on Council, and supporting decisions in the best interest of the public and the professions.

### EDUCATION

M.A.Sc. (Materials Engineering), University of British Columbia, 2006

B.Eng. (Mechanical Engineering), Concordia University, 2002

### PROFESSIONAL HISTORY

Senior Project Manager, TransLink, 2018–present

Interior BC Lead, Senior Project Manager, Colliers Project Leaders, 2006–2018

### ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Mentor, Mentoring Program, 2016–present

Member, Standing Award Committee, 2018–present

Member, Building Space Planning Task Force, 2018–2019

Member, Nomination and Election Review Task Force, 2017–2018

Branch Representative Chair, 2014–2016

Member, Nominating Committee, 2013–2014

Member, Building the Engineering and Geoscience Community Team Task Force, 2011–2012

Chair, and other roles, Tri-Cities Branch, 2012–2014

Chair, Treasurer, and other roles, Vancouver Branch, 2008–2012

### AWARDS AND HONOURS

Fellowship, Engineers Canada, 2018

## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

The key challenge facing EGBC is maintaining relevance within the new regulatory framework established by the Provincial government. The new Professional Governance Act (PGA) will replace the Engineers and Geoscientists Act and impose significant changes to the way the Professions are regulated. This transition requires deft handling. Many of the changes that Council has considered over the last few years to modernize operations and regulatory elements have been seen as “best in class”. They form the basis of a number of the recommendations from the PGA for other regulators that fall under the new act (such the Organizational Quality Management program, enhancement to the Member-In-Training program, and Continuing Professional Development). This demonstrates that our government regards EGBC as a partner in the process, which has allowed us to influence some of the details of the implementation. This is a privilege that must be treated carefully.

EGBC needs to continue its strong role in protecting of the public, while ensuring it continues to add value to its existing, future, and potential members. EGBC also needs to maintain open lines of communication with ASTTBC and other associations, so it can work collaboratively to ensure clear distinctions in roles and responsibilities and develop mechanisms to address future evolution. This will serve to reinforce the P.Eng. and P.Geo. designations as marks of distinction – something to be strived for – encouraging EITs/GITs as well as those in emerging disciplines to register and become proud and active participants in their chosen profession.

**What are the key issues facing the engineering and / or geoscience professions?**

The key issue facing the professions of engineering and geoscience is ensuring we stay flexible and responsive in our practice. 2020 has taught us that change is inevitable and unexpected. Even prior, we saw an ever-increasing rate of change caused by world events beyond our control, punctuated by less certainty and more unknowns. But not all change is bad, and we need to ensure we are positioned to make the most of the opportunities. In my time as a member of EGBC I have witnessed significant opportunities to enhance the professions including:

- increasing diversity by actively pursuing policies that encourage women to study STEM topics and practice geoscience and engineering;
- increasing diversity through integration of foreign trained professionals;
- broadening our influence through outreach to professionals practicing in evolving areas within existing disciplines, and new emerging disciplines that have come about through innovation, research, and development;
- leading in the development policies and guidelines that recognize our role in climate change and the need to act as stewards of the planet through an increased emphasis on sustainability and resource management; and
- enhancing to the regulatory environment through continuous improvement of EGBC’s services and its influence on governmental policy.

As professionals it behooves us to remain current through continued professional development, a renewed commitment to the code of ethics, and a focus on improving the world in which we live.

**Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

Looking ahead five years, I see Engineers and Geoscientist BC continuing to build on its 100-year legacy:

- A **Leader** amongst professions that fosters innovative approaches; embraces inclusivity in all its forms; and champions initiatives that enhance livability, well-being, and improves resiliency.
- An **Effective Regulator** that protects the public at large; takes a risk-based approach to regulation, auditing, and enforcement; and provides appropriate “right touch” oversight to continue to foster the public’s trust.

- A **Partner** with the Province, that supports the Superintendent of Professions in development of the details of the PGA; and with associated professions such as architects, building officials, applied science practitioners, biologists, etc.;
- A **Value Add** to the professionals that it regulates through the provision of tools, support, education, and opportunities; enhances the level of professionalism to the benefit of the public; and raises the profile of the professions, both locally and globally, to the benefits of its members.

**For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.**

My experiences as a Professional Engineer and project management professional have allowed me to develop many of the competencies required of a Councilor. Foremost being leadership, strategic thinking, and governance are all underpinned by effective communication, the ability to distill complex information, and a focus on key objectives.

By leading Colliers' Kelowna office I developed competencies such as financial literacy and human resources. I was directly responsible for managing professional resources, with a focus on mentoring/coaching, as well as establishing and monitoring yearly operating budgets; sales targets; business plans; and KPIs.

Through my time at TransLink, I have developed an understanding of policies related to inclusion, diversity, and enhancing accessibility. I am responsible for establishing budgets for large scale infrastructure and building projects, developing business cases, and assessing economic impact. Risk management is one of the most important aspects of my work. Risks must be considered holistically, are dynamic, need to be considered through specific frameworks and the lens of existing/developing policies. Risk management then needs to be tailored to meet the organization's needs and tolerance.

Working in the construction industry has instilled in me technical and regulatory understanding, with a plethora of overlapping jurisdictions and regulations related to procurement, environment, engineering, construction, and operational systems.

With my significant experience with EGBC I am confident these skills will allow me to work effectively with Council and staff as we meet the current challenges facing society, the association, and each of us individually as professionals.

## COUNCILLOR CANDIDATE (five to be elected)



**E.A. (Emmanuel) Domingo, P.Eng., FEC | Vancouver, BC**

In the past 100 years, we have seen much innovation and the evolution of our professions, not just in science and technology (particularly in engineering and geoscience) but, just as importantly, in the way we govern ourselves. The advancements in the former has allowed us to continue fulfilling our vision of creating a better future for all, while the advancements in our governance has helped us in delivering our mission and achieving our primary goal of protecting the public interest. My career has benefitted from these advancements through my membership in EGBC for over 30 years. I feel it is time for me to give back.

I am honoured to have been selected by the Nomination Committee as a candidate for Councillor in the 2020 Council election. I am excited and look forward to this opportunity to continue serving EGBC and our professions. As a member and Chair of the Building Codes Committee, I have seen the changes in the regulatory landscape of building codes, not only in the improvements to the efficiency and safety of buildings, but also in the increased reliance on engineering professionals for design

compliance and innovative solutions.

The association and our members need to perpetuate this trend and continue to improve the image of our association and our professions by working with integrity and accountability in fulfilling our mission.

### EDUCATION

B.A.Sc. (Civil Engineering), University of Ottawa, 1986

### PROFESSIONAL HISTORY

Principal, LMDG Building Code Consultants Ltd., 1988–present

### ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Chair, Building Codes Committee, 2011–present

Member, Building Codes Committee, 2006–2010

### RELATED PROFESSIONAL ACTIVITIES

Chair, Standing Committee on Use and Egress, Codes Canada, National Research Council, 2009–present

Member, Standing Committee on Use and Egress, Codes Canada, National Research Council, 2006–2009

### COMMUNITY INVOLVEMENT

Co-Founder, Kristian Domingo Foundation, 2017–present

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## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

Recognition of the value of our professions has improved and increased over the years. But there have been setbacks. The implementation of the Professional Governance Act is intended to raise the public's confidence in our professions through increased regulations, accountability and oversight. Its continued implementation in the coming years will need to be balanced with the complexities of the various disciplines and aspects of our professions, and the needs of our members.



## E.A. (Emmanuel) Domingo, P.Eng., FEC, continued

The Professional Governance Act provides a framework for EGBC to introduce regulations and oversight that will improve our professional governance, increase the public's confidence and trust in our professions, and bring about best practices

for our members. These regulations, to be developed in the coming years, will bring changes to the way we govern ourselves and possibly impact our professional practices. It will be important for Council to continue working closely with government and our members to avoid any unintended and undesired consequences, particularly to our professional practices, in the implementation of these changes to our governing Act. Equally important in the development and implementation of these changes is the constant communication and collaboration with our members throughout the process.

### **What are the key issues facing the engineering and/or geoscience professions?**

Climate change is already in the forefront of our professions. The Climate Change Action Plan will provide us with a framework to improve our professional practices and include ways and methods to address the issues resulting from climate change. I, along with many others in our association, will need to better understand these growing issues in order to develop and implement workable solutions in our practices. Through advocacy from the association and its members, changes to codes, regulations and design standards can also be enacted to address these important issues and lead us to better outcomes.

Recent events have also amplified the need for changes in our society to be more accepting and tolerant of all peoples. We have taken steps in improving inclusiveness, diversity and equality in our professions. We need to continue with these initiatives and expand them to include others that may be impeded by systemic barriers. This needs to happen early – in secondary and post-secondary education environments, and possibly even in elementary schools. Foreign educated or trained individuals should also be part of this broaden initiative.

### **Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

EGBC will be a strong regulatory body that will be looked upon as an example of a professional and socially responsible organization that is a leader in promoting and addressing the public interest, while consistently advocating for the integrity and advancement of its members. We will have built a collaborative relationship with government and be a proven example of a successful self-regulating body, respected by its members, but more importantly, by the general public.

**For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.**

I believe my overall experience in starting, growing and maintaining a successful consulting company over the past 30 years provides me with skills that could be beneficial to EGBC Council. In addition, my involvement in committee work has taught me to be a respectful listener; to consider all opinions, particularly opposing ones; and to seek any common ground in which to facilitate consensus towards a solution or advancement of an initiative. I have learned to appreciate that it may not always be possible to address or resolve everyone's concerns, but it is always important that they are heard and considered.

## COUNCILLOR CANDIDATE (five to be elected)



**J.B. (James) Kay, P.Eng. | Kelowna, BC**

I ask for your support to serve on Council so that I may bring experience, perspective, and a practical solutions-oriented approach at a time where leadership, vision and execution will deliver solutions through EGBC for the benefit of the public and our registrants for years to come.

For many years I have engaged in EGBC committees, programs and initiatives, and bring the experience of having served on the boards of ACEC-BC, UDI Okanagan, CHBA Central Okanagan and the Rotary Club of Kelowna. As a strong, consistent, passionate Board member I commit to coming prepared, seeking to understand the perspectives of colleagues, working collaboratively, engaging with staff, and making meaningful contributions.

These experiences help shape my unique perspective: working in municipal government as well as the consulting civil engineering sectors; as a sole practitioner, also within a mid-sized partnership, and a multi-national corporation; starting in the Lower Mainland before the Interior and serving Greater BC, and taught courses at both College and University. I have been a regular advocate for Young Professionals, Mentoring, OQM and Professional Development.

Converting energy and intention into action, I use my knowledge, skills and position to benefit others. It's important that EGBC remains visionary, agile, and efficient in all its operations. I challenge others to delve deep and establish a clear and accountable course of action. Council oversees the management and affairs of the organization, and I ask for your support to serve on Council to help keep EGBC striving and driving to our best future.

### EDUCATION

B.E.Sc (Civil Engineering), University of Western Ontario, 2001

HBA (Honours Business Administration), University of Western Ontario, 2001

### PROFESSIONAL HISTORY

Development Engineering Manager, City of Kelowna, 2016–present

Principal, Alpine Civil Engineering Consultants Ltd., 2012–present

### ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Member, Regulation of Firms Advisory Group, 2020–present

Chair, Organizational Quality Management Advisory Group, 2020–present

Mentor, Mentoring Program, 2016–present

### RELATED PROFESSIONAL ACTIVITIES

Instructor, Civil Engineering, University of British Columbia Okanagan, 2015–2016 (PAC 2018–present)

Instructor, Civil Engineering, Okanagan College, 2012–2016 (PAC 2011–present)

Director, Canadian Home Builders' Association Central Okanagan, 2014–2016

Director, Urban Development Institute Okanagan Chapter, 2013–2016

Director, Association of Consulting Engineering Companies BC, 2008–2013 (YPG 2006–2010)

### COMMUNITY INVOLVEMENT

Rotarian, Rotary Club of Kelowna, 2012–present

Member, Habitat for Humanity Build Committee, 2020–present

Board Member, Silver Lake Forest Education Society, 2016–present

Director, Rotary Club of Kelowna, 2014–2019

President, Rotary Club of Kelowna, 2017–2018

Chair, Silver Lake Forest Education Society, 2016–2017

## AWARDS AND HONOURS

Kelowna Top 40 Under 40, Kelowna Chamber of Commerce, 2014  
Young Consulting Engineer of the Year Award, CEBC, 2010

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## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

Our Association has always tackled challenge and change with vision and leadership, and our approach to the implementation of the Professional Governance Act will be no different.

EGBC has been proactive, communicative and collaborative with the Office of the Superintendent, and as evidenced by both allowing EGBC to be the first organization on board, as well as the meaningful implementation of our programs and approaches. Our approach to the Regulator, as well as prioritization of the protection of the public, will keep us on track.

The challenge that comes from this change is in redefining EGBC's role and relevance, both to the public, and to our registrants. With regulation of firms leveraging our current OQM Program, relinquishing advocacy, and trying to optimize our Professional Development, Practice Guidelines, and Mentoring initiatives, EGBC will be evolving.

Similarly, we will continue to adapt to our world: climate change, diversity in the workplace, rapidly evolving technology, changing employee needs and expectations are all items that EGBC will facilitate. Recent improvements to digital drawing processes will still be value-added, in keeping the integrity of the professional's work product yet finding ways to use it most efficiently.

These changes won't happen in a vacuum. Council and Staff will be tasked with engaging all registrants, communicating regularly, garnering feedback and sharing updates and information. This communications strategy will be crucial, not only to the changes that are forthcoming, but in continuing to highlight the great work EGBC will continue to deliver.

**What are the key issues facing the engineering and/or geoscience professions?**

Our professions are at risk of losing credibility and trust of the public. Our challenges make front page of the newspaper but our monumental successes make only our own Innovation magazine and website. The public perception of PGA likely is that we were unable to govern ourselves, and we want to work to craft the narrative.

Continuing to highlight the many ways that Engineers and Geoscientists help improve our lives and communities and world on a daily basis is crucial. Showing and sharing that we are leading the way with regards to Professional Governance, embracing the new framework, and taking steps to increase the reliability and accountability of our registrants will be key.

This issue also creates an opportunity: the opportunity to re-invent our value proposition. Professional reliance is still an enormous part of our projects, and we can help influence how that works. Embracing diverse and distributed workforces and blazing the regulations and best practices around technology, mobility, trade agreements, liability, and Qualification Based Selection will all help drive our profession forward.

**Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

Five years from now our profession will be drastically different: our Act will be gone, our firms will be regulated, Organizational Quality Management's three pillars of ethics, professional development and quality program will be ingrained and enforced across our industry.

We will be registering professionals, regulating firms, updating professional practice guidelines, hopefully optimizing mentoring and coaching, encouraging students of all ages to explore STEM and consider engineering and geoscience,

## J.B. (James) Kay, P.Eng., continued

delivering a robust professional development program, and continuing to work with the Office of the Superintendent to raise the bar.

EGBC will likely be working with a separate independent organization tasked with advocacy, promotion, and advancement of our registrants' interests. Mixers, socials, networking, liaisons across sectors, awards and recognition are all still valuable, just may not fit into the mandate as it does today. Much like Ontario's model, these two should be working closely for maximum benefit.

EGBC will be blazing the path forward in collaborating to make sure that professionals educated locally are getting the most current and relevant education to prepare them for a changing world. Simultaneously we will be finding new ways to recognize, encourage and register foreign trained professionals. We will be leveraging technology to bring events, courses, and activities to all areas of the province.

In five years, EGBC will still be engineering and geoscience professionals creating a better future for all, and serving the public interest as a progressive regulator that supports and promotes the engineering and geoscience professions. Integrity. Accountability. Innovation.

**For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.**

At a final Board meeting, a colleague handed out mirrors as parting gifts and shared "next time you select a teammate or colleague, find someone who looks different than you." Find a team of diverse voices who look at things differently, analyze things with a unique perspective, approach challenges and solve problems with different experience, and allow for the best ideas to be considered before the decision is made.

This upcoming Council will need visionaries, strategic thinkers, experience, innovation, creativity, empathy, awareness and skill. It will need commitment, hard work, passion and drive. I bring diverse, wide-ranging experience, but most importantly an approach to dive deep, explore, research, and engage in conversation and debate that helps draw out ideas and approaches from all participants. Leveraging the input and contribution from each participant is what optimizes the impact of the diversity.

I have much to contribute to this Council: leadership demonstrated at every employment, board, and service club, financial literacy through a business degree, my own company, and companies I served; risk management with other Board appointments and daily as an engineer/project manager; human resources in being the employer of choice, putting people first, proactively recruiting, attracting and developing talent; strategy of looking forward, evaluating and devising plans; regulatory understanding from various committees and Boards; governance of both strategic/working boards and optimizing operations and effectiveness; and finally technical proficiency that is the foundation of all of the projects delivered and engineering work completed over a 20-year career.

## COUNCILLOR CANDIDATE (five to be elected)



### **M. (Michelle) Mahovlich, P.Eng., P.Geo. | Langford, BC**

I am very interested in serving as an elected Councillor for EGBC as we enter this stage of transition to the new Professional Governance Act (PGA). I am prepared to serve any of the one, two or three year terms available.

As a dual license member of EGBC I have had the privilege to work in both engineering and geoscience realms. My work background in both the private and public sector has given me the opportunity to experience both facets of my profession. This same work experience has allowed me to work very closely with the other four natural resource sectors in the PGA being biologists, agrologists, foresters and technologists/technicians.

I have always agreed that professional development should be mandatory and am a strong supporter of this to my staff and to others entering the workforce. I have a passionate interest in establishing a diverse workforce.

My experience as an elected City Councillor as well as my current role as the Director of Engineering and Public Works for the City of Langford has allowed me to gain lots of experience chairing and facilitating meetings and listening objectively to various opinions.

### **EDUCATION**

M.Eng. (Geological Engineering), University of British Columbia, 1994

B.Sc. (Geology, Minor in Biology), McMaster University, 1991

### **PROFESSIONAL HISTORY**

Director of Engineering & Public Works, City of Langford, 2012–present

Deputy Director of Engineering, City of Langford, 2009–2012

Land Development Manager (Bamberton Site), Three Point Properties, 2006–2009

Senior Project Manager, SLR (Environmental) Consulting, 2004–2006

### **ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES**

Vice Chair, Investigation Committee, 2020–present (Member, 2018–2020)

Treasurer, Municipal Engineers Division, 2019–present

Champion, 30 by 30 Group, 2018–present

MED Stream Coordinator, Annual Conference, 2019 and 2020

Speaker, Annual Conference, 2009

### **RELATED PROFESSIONAL ACTIVITIES**

Volunteer, Capstone Reviewer, School District 62 (Sooke), 2015–present

Board Member, Vancouver Island Construction Association, 2016–2019

Member, Public Advisory Committee for the Lake Cowichan Water Use Plan, 2018

Member, District of Highlands Groundwater Task Force Committee, 2008–2012

### **COMMUNITY INVOLVEMENT**

Establishment of the 30 by 30 Women in Engineering Award, University of Victoria, 2019

Gaming and Floor Allocator, Juan de Fuca Lacrosse, 2016–2018

Field and Facilities Manager, Juan de Fuca Soccer Club, 2009–2012

Coach, Juan de Fuca Soccer Club, 2003–2011

Elected City Councillor, District of Highlands, 2005–2008

CRD Committees, Environment, Parks & Family Court Youth Matters, 2005–2008

## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

One of the key challenges we face as an association will be our inclusion in the Professional Governance Act (PGA). It will be important for our organization to remain engaged in the PGA process, continue to move forward in good faith, while maintaining our identity as members of EGBC.

As we work toward establishing the Regulations that will enable the new Act, I anticipate that we will continue to be the leading association in this process. Protecting the public's interest shall always remain key to our association and is something that we must continue to enable through the Regulations under the PGA.

**What are the key issues facing the engineering and/or geoscience professions?**

A key issue that I have experienced throughout my career is the challenge that professionals have convincing clients that our work is necessary for the protection of the public interest while at the same time convincing them that there has to be sufficient budget allocated for our services. This will continue to be a challenge as our economy is now in flux with the COVID-19 pandemic, combined with the aftereffects of spending our way out of the pandemic.

As professionals our expertise will continue to be sought after, however we must also be able to morph our expertise even more now toward the social engineering aspects of our work in these challenging times. Strategizing in a changing environment will be key.

**Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

Then next five years will see lots of change. Change as we embrace the new PGA and change as we work our way out of the pandemic situation in an era of aging infrastructure and continued population growth.

As a professional regulatory body, I envision EGBC as a leader in the PGA process. Our specific regulatory functions will change with the PGA enabled. As an association we must continue to be fluid and engaged in this process so that we do not lose our identity during this time.

The fact that our association is already anticipating the Regulations and requirements of the PGA by proactively enabling lay people to sit on our committees is one example of how our association is already leading the way.

**For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.**

I believe that I bring a blend of experience in most of the skills and competencies required for Council to meet their goals. I have been the Director of the Engineering and Public Works department for the City of Langford for the past 8 years, leading a diverse team of employees and contractors with the largest capital and operating budget in the City. I have had the opportunity to manage several diverse construction projects such as a new ice rink, a bowling alley, an interchange on the Trans Canada Highway and a large cement plant remediation project. Each project had its own set of technical, financial and regulatory challenges that has allowed me to diversify my applied work experience. As both a former elected City Councillor and currently a municipal employee I have gained good experience in governance and regulatory understanding.

**M. (Michelle) Mahovlich, P.Eng., P.Geo., continued**

This is one of the most challenging times for municipalities as our asset inventory ages. In my current role I strive to plan prudent and fiscal responsibility for the City developing both short term and long term plans for both human resources and tangible assets.

I consider myself extremely fortunate to have had a diverse career that has crossed over into the fields of engineering and geoscience in addition to working very closely with the other disciplines that are now part of the PGA.



## COUNCILLOR CANDIDATE (five to be elected)



### J.L. (Jessica) Steeves, P.Eng. | Kamloops, BC

I am honoured to have been selected by the Nominating Committee as a 2020 Council Candidate and am excited about the opportunity to give back to the engineering and geoscience professions. Over the past five years, I have served in various positions at the branch level within Engineers Geoscientists BC. These positions offered insight into the role/structure of the organization and regulation of both professions.

I have worked as an engineer in the mining industry since 2013, which means I am a part of a segment of the membership that is directly impacted by the Professional Governance Act. With a long career ahead, I would like to be involved in shaping the requirements and implementation of the regulations associated with the Act. It is important that effective regulation is achieved without unnecessary financial burdens and resource strain to practicing professionals or firms.

My roles working for a consultancy and an operator have yielded strong teamwork and analytical skills – as well as an understanding of the technical standards and regulation. By serving as the Chair of various committees with several organizations including Engineers Geoscientists BC, the Canadian Institute of Mining, and Kamloops Rotaract, I have developed strong leadership and communication skills. I believe I will bring a diverse skill set and perspective to Council.

I am seeking election to Council with the intent to both advance and give back to the professions. I am grateful for this opportunity and hope to have your support.

### EDUCATION

M.B.A. (Business), Thompson Rivers University, 2019  
B.Sc. (Geological Engineering), Queen's University, 2013

### PROFESSIONAL HISTORY

Senior Business Advisor, Highland Valley Copper, Teck, 2020–present  
Various roles, Highland Valley Copper, Teck, 2016–2020  
Geological Engineer-in-Training, BGC Engineering, 2013–2016

### ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Past Chair, South Central Branch, 2019–present  
Chair, South Central Branch, 2017–2019  
Vice Chair, South Central Branch, 2016–2017  
Events Coordinator, South Central Branch, 2015–2016

### RELATED PROFESSIONAL ACTIVITIES

Member, CIM Kamloops Chapter Executive, CIM, 2018–present  
Field Trip Chair, CIM MEMO Conference, 2019  
Member, Young Professionals Committee, Canadian Dam Association, 2015–2017

### COMMUNITY INVOLVEMENT

Speaker, Open Doors in STEAM, School District 73, 2020  
Volunteer, Power of Being a Girl, Kamloops YMCA, 2019  
Chair of Various Committees, Young Professionals of Kamloops Rotaract, 2015–2017  
Friendly Visitor, Royal Inland Hospital, 2013–2014

### AWARDS AND HONOURS

Unsung Hero Award, Young Professionals of Kamloops Rotaract, 2016

## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

The Professional Governance Act will come into force in November 2020. **The continued implementation of this Act and its associated regulations are the key challenge facing the Association.** One upcoming significant change will be the introduction of mandatory firm regulation in July 2021. Self-governance is a privilege and in order to maintain that privilege we must continue to work closely and effectively with the Office of the Superintendent of Professional Governance. This Office has significant oversight powers and it is important that the impacts of these powers do not result in unreasonable barriers to our practice.

Engaging and consulting the membership so we are aware and feel a sense of ownership over these new changes is critical for the continued implementation of the Act. It is also important that we continue to demonstrate the strength of our existing controls and remain keen to bettering them. Although change is often challenging, we must remain transparent and open minded throughout each step of the process. It is paramount that implementation of these new regulations also offers enough flexibility for Engineers Geoscientists BC to effectively pivot and regulate emerging sub-disciplines, technologies, and industries where engineering or geoscience is practiced.

**What are the key issues facing the engineering and / or geoscience professions?**

A key element of the engineering and geoscience professions is regulation as this is required to protect public interest and safety. With the Professional Governance Act coming into force this year, Engineers Geoscientists BC will receive legislative authority to regulate engineering and geoscience firms. This will be a shift for both large and small firms in the public and private sectors. It is paramount that the requirements of **corporate regulation** achieve effective regulation without putting unnecessary financial and resource strain on firms.

Humanity is also facing a significant challenge – **climate change**. This will impact the practice of geoscience and engineering in the years ahead. It is critical that we work to understand the impacts of climate change on the profession and pivot to regulate/prepare for the implications.

**Diversity** is a necessity for our profession to continue to move forward and evolve with globalization. The solutions to engineering problems derived by teams with diverse perspectives are always superior. In order for our profession to realize the benefits from diversity, we must continue to work to remove barriers to enter our profession as well as obstacles that cause individuals to leave. There have been several large initiatives focused on recruiting women into the professions. However, it is important for our initiatives to not solely focus on gender diversity. Systemic racism has gained more attention in recent months and it is important for our professions to acknowledge its presence and work to better our culture while removing barriers that contribute to the inequality.

**Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

In five years, I hope that Engineers Geoscientists BC has achieved the following:

- The continued privilege of self regulation with the Professional Governance Act having been fully implemented;
- The continuation of a healthy collaborative relationship with the Office of the Superintendent of Professional Governance;
- Improved public perception of the engineering profession via a clean record of public safety, successful initiatives such as 30 by 30, and a more diverse membership;
- Improved relationships and best practice sharing with other technical practitioners – primarily those also under the Professional Governance Act; and
- The development of additional regulations and technical standards for emerging sub-disciplines within engineering and geoscience.

For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.

- **Leadership, governance, and strategy:** During my career, I have led several projects and most recently supervised a crew of 70 individuals. Outside of work, I have served as the Chair of various committees for different organizations including Engineers Geoscientists BC, CIM, and Kamloops Rotaract.
- **Financial literacy:** I recently completed my MBA which included courses such as Corporate Finance, Advanced Corporate Finance, and Financial Accounting – all of which strengthened my financial literacy.
- **Risk management:** My time managing projects at an operating mine involved many team-based risk assessments as well as implementing controls to manage risk related to safety and cost.
- **Human resources:** In my recent role as a Mine Operations Supervisor, I was responsible for the application of our Collective Bargaining Agreement since I supervised unionized employees.
- **Regulatory understanding:** Having worked in the heavily regulated mining industry, I have had exposure to tailings dam safety regulations and compliance, environmental permitting, and have an in-depth knowledge of the BC Mines Code.

## COUNCILLOR CANDIDATE (five to be elected)



### K.P. (Kevin) Turner, P.Eng., FEC, FGC (Hon.) | Kamloops, BC

The adoption of the *Professional Governance Act* in November 2018 has put the professions on a path of unprecedented change. Over the past two years, I have worked on this transition with my fellow Councillors, EGBC staff, and with many engaged Registrants who pour an enormous amount of volunteer effort into our professions. Through this collective effort, a new nomination process, continuing education program, corporate registration, a new code of ethics, and new bylaws have taken shape, which will come into force in November 2020 when the *Engineers and Geoscientists Act* is retired after 100 years of service. Much work remains as EGBC tackles the issue of advocacy and practice rights for engineering technologists. I would be grateful for the opportunity to continue in this role as Councillor.

In the coming years, EGBC faces an enormous workload to adapt existing programs or develop new ones to meet the requirements of the PGA. A new strategic plan will be needed to guide the business and governance of the association. EGBC will have to develop or facilitate training and guidance to help registrants fulfill their obligations

as professional geoscientists, engineers and corporate entities under the new legislation. This will require strong leadership and an energized Council, together with the attentive engagement of Registrants. I would be honored to continue my volunteer work as a Councillor for the coming term, and am seeking your support in this coming election.

### EDUCATION

B.Eng. (Civil Engineering), Technical University of Nova Scotia, 1987

### PROFESSIONAL HISTORY

Senior Geotechnical Engineer, Westrek Geotechnical Services, 2008–present

Regional Geotechnical Engineer, BC Ministry of Forests, 1996–2008

Project Geotechnical Engineer, Agra Earth & Environmental, 1989–1996

### ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Member, Practice Rights Advisory Group, 2019–present

Member, Governance Committee, 2019–present

Member, Professional Practice Committee, 2018–present (Chair, 2019–present)

Reviewer, Technical, 2016–present

Member, Mentoring Committee, 2015–present

Executive Member, South Central Branch, 2005–present

Member, Advisory Task Force on Corporate Regulation, 2018–2019

Reviewer, General, 2010–2016

Chair, Geoscience Committee, 2008–2015 (Member, 2006–2008)

Member of Council, 2006–2010

Member, Executive Committee, 2009–2010

Member, Registration Committee, 2006–2008

Member, APEGBC/ABC FP Joint Practice Board, 2005–2006

Executive Member, Division of Engineers and Geoscientists in the Forest Sector, 2001–2003

### RELATED PROFESSIONAL ACTIVITIES

Organizing Committee, Popsicle Stick Bridge Building Contest, South Central Branch, 2006–present

Guest Lecturer, 1st Year Engineering Program, Thompson Rivers University, 2015–2018

### COMMUNITY INVOLVEMENT

Volunteer, Cystic Fibrosis Canada, Kamloops Chapter, 2014–2017

Canvasser, Kidney Foundation of Canada, 2003–2004, 2006–2010, 2012–2016

Board Member, Children's Circle Childcare Centre, Kamloops, 2002–2006

### AWARDS AND HONOURS

D.C. Lambert Professional Service Award, APEGBC, 2017

Honorary Fellowship, Geoscientists Canada, 2014

Fellowship, Engineers Canada, 2011

## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

With little doubt, the key challenge facing EGBC over the next few years will be the transition to the Professional Governance Act (PGA). This will entail the examination and maintenance or re-alignment of existing programs and services, along with the development and adoption of new ones required under the PGA. This will require Council's leadership to ensure programs align with the new mandate, and the careful allocation of resources to support staff and volunteers. Council's role is also changing. The reduction in Council size from 17 to 12 may have impacts that are not yet clear. In addition to the five statutory committees that will be established under the PGA, the role and importance of supporting advisory committees and task groups will be amplified. These groups will, in effect, become mini-councils, and the importance of filling these roles with experienced and engaged professionals, and providing them with clear terms of reference, will be an extremely important role of future Councils. As challenging as this is, I believe this will lead to increased engagement by the external advisory groups that have provided so much valuable input to our association in the past.

**What are the key issues facing the engineering and/or geoscience professions?**

Several things come to mind. With the PGA, EGBC will now focus on its regulatory role and abandon activities that advocate solely for Registrants. It remains to be seen how this will affect engagement. Other organization(s) or possibly a new one may be needed to provide the advocacy role.

The PGA brings an increased focus on competency of registrants and transparency, along with a greater level of scrutiny by EGBC. Registrants will have more responsibility for continuing education and declaring competency and conflict of interest. EGBC will have to offer guidance, and the success of the Organizational Quality Management (OQM) program should give Registrants the confidence that "right touch" programs can be developed. Despite that, we could see a reduction in the size of our professional association.

Professional practice issues involving large building and infrastructure projects over the past 5 years have strained EGBC's ability to address complaints in a timely manner. Council has allocated additional resources towards this and will need to monitor progress to assure the public that we are fulfilling our obligations.

Some progress is being made on truth and reconciliation and its inclusion in the PGA is a positive step forward. Our 30 by 30 initiative is bearing fruit, but more work is needed to attract students of all genders and origins to consider geological sciences and engineering as a career. On-going effort will be needed to ensure a greater degree of inclusivity so that the best minds will be attracted to these rewarding professions.

**Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

In five years, we should be well on our way to administering the new regulatory framework. Our reduced Council size will be supplemented with important advisory committees that will be established using a merit-based nomination process, and I envision there will be a more comprehensive communication between these groups and Council. The corporate registration program will be in place, and if implemented as successfully as the OQM program, it will serve as a model for the rest of the nation. Registrants will have adapted to the Continuing Education program, including increased ethical training requirements. In five years, the new Auditing and Practice Review program will be in place for both practicing and corporate registrants offering professional engineering and geoscience services, and if implemented as intended, this should ease pressure on the complaint process. Through our 30 by 30 initiative, we will be seeing more balance and diversity in our membership, and more respect for the shared history and responsibilities as occupants of this beautiful land. Although progress may seem slow and success difficult to measure, all these programs are essential for the future well-being of our profession. We will continue to take pride that we are the most progressive professional engineer and geoscience regulatory association in Canada.

**For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.**

I believe my experience as a volunteer for much of my career, especially from my most recent term on Council, will be beneficial in meeting my responsibilities as a Councillor as the PGA is implemented. Although the new framework is focused on modern governance, I bring the perspective of a practicing consulting engineer in the natural resource sector to help guide implementation at the practice level. I have the benefit of working in a discipline that allows me to closely interact with my fellow geoscience professionals. I can draw on my work experience in both the private and public sectors, and the experience in my current role as a senior member of a small consulting firm. I have volunteered or have been assigned to a broad cross-section of committees and task groups in the past. I previously chaired the Geoscience Committee and am the current chair of the Professional Practice Committee. My interest is in program design and implementation, and my approach is one of listening and collaboration. I enjoy and take pride in distilling the work of Council to the Branches that I am paired with, or to anyone who shows interest and takes to time to ask.



## COUNCILLOR CANDIDATE (five to be elected)



### B.C. (Brent) Ward, P.Geo., FGC, FEC (Hon.) | Coquitlam, BC

I am very honoured to be nominated to serve on Council again. Since registration I have always been involved in the Association. My time as Department chair is ending, and I can dedicate sufficient time to this; being on Council this last year, I know the time commitment can be daunting. The Professional Governance Act has resulted in a huge amount of work for staff, and there have been many long council meetings. Luckily, previous leadership roles (association committee's, other professional bodies and the University) that involved developing strategy, financial literacy, and human resources have served me well as a council member. I am involved in departmental finances and also carry out research programs with large budgets. I practice geoscience at a high level and train highly qualified professionals at both the undergraduate and graduate level. My extensive experience with EGBC means I have a good relationship with our excellent, hardworking staff. I feel strongly about climate change and am happy that the Association is taking this issue seriously. It is a critical time for the Association, with the new government regulation coming into force, there are both hazards and opportunities. Staff and the executive have done an excellent

job mitigating the hazards and exploiting the opportunities as we prepare for implementation this fall. Serving on council this last year, I am up to speed on all the issues, and I feel I can make a significant, positive contribution in navigating this difficult time. I hope you will support me.

### EDUCATION

Ph.D. (Quaternary Geology), University of Alberta, 1993

B.Sc. (Geology), University of Alberta, 1986

### PROFESSIONAL HISTORY

Professor, Earth Sciences, Simon Fraser University, 1997–present (Chair, 2014–present)

Research Geomorphologist, Prince George Forest Region, Ministry of Forests, 1995–1997

Post-Doc/Research Scientist, Terrain Science Division, Geological Survey of Canada, 1992–1995

### ENGINEERS AND GEOSCIENTISTS BC ACTIVITIES

Member of Council, 2019–present

Member, Geoscience Committee, 2000–2016, 2019–present

Member, Site Characterization for Dam Foundation Guidelines, 2015–2016

Chair, Geoscience Academic Affairs Subcommittee, 2003–2016

Member, Nominating Committee, 2006–2008

Member, Executive Division of Engineers and Geoscientists in the Forest Sector, 1997–2001, (Chair 1997–1998)

### RELATED PROFESSIONAL ACTIVITIES

Associate Editor, Journal of Maps, 2012–present

EGBC representative, Canadian Geoscience Standards Council, Geoscience Canada, 2004–present (Vice-Chair 2010–present)

Councillor Canadian Quaternary Association (CANQUA), 1998–2019

Associate Editor, Journal of Sedimentary Research, 2012–2017

Co-Chair Fieldtrip Committee, Geological Society of America Annual Meeting, 2013–2014

Councillor (Geohistory), American Quaternary Association, 2010–2012

Chair, 2009 Canadian Quaternary Association Bi-Annual Meeting, 2007–2009



## Q&A WITH CANDIDATES

**Engineers and Geoscientists BC is the regulatory authority charged with protecting the public interest with respect to the practice of engineering and geoscience in the province of BC. What is the key challenge facing the association?**

The largest current issue facing the association is the government bringing in the Professional Governance Act. Staff and the executive have done an excellent job navigating our way through the process, but it has been a huge amount of work. We can see the light at the end of the tunnel, and it is not a train. Although some hurdles remain, most things are in place, or will be in place, for implementation in November. This has resulted in changes to the Association and how we do things, and we will see more changes as we move through implementation. Some of these changes may be difficult, but it is vital we provide leadership on this issue and embrace the change. It also provided the Association with an opportunity to modernize the act, and has given us more flexibility in certain aspects like changing bylaws and fees, and allowed us to implement CPD. Hopefully I can assist the association in navigating this difficult time.

**What are the key issues facing the engineering and / or geoscience professions?**

Key issues for our profession are staying up to date and relevant in a rapidly changing world. New technologies, changing regulations and climate change all require life-long learning to provide our clients and stake holders with accurate, relevant information so they can make informed decisions. CPD is more relevant now than ever in our profession. The Professional Governance Act has made CPD mandatory. Climate change affects our decisions as our work needs to take this into consideration, and predicting how this will affect a project or an assessment is difficult. Our association can provide the science, knowledge and advice to help make the best decisions for our clients and the people of British Columbia.

**Looking five years ahead, what is your vision for Engineers and Geoscientists BC as a professional regulatory body in BC?**

I envision a strong, vibrant, diverse association that continues to balance ensuring qualified, competent, and innovative professional practice while still raising the profile of the profession, given the constraints of the Professional Governance Act.

**For Council to achieve its goals and meet its fiduciary responsibilities, Council has identified the need for diverse voices on Council, with a blend of the following skills and competences: leadership, financial literacy, risk management, human resources, strategy, regulatory understanding, governance and technical proficiency. Please highlight the areas of strength you bring to the role.**

I have capability in all these competencies. I have displayed leadership in my current position at the university as well as with EGBC and other professional bodies. In these positions I have helped formulate and implement strategy on numerous issues such as, increasing enrolments and raising the profile of the Department, standardizing national entrance requirements for Professional Geoscientists, and recommendations for dam siting. Although not an accountant, I am familiar with finances and help run a department and large research projects. Risk management is a part of everything we do now. The Department is constantly weighting risks students are exposed to on fieldtrips and fieldschools against the learning outcomes we desire. Risk is also a part of choosing the correct person for faculty appointments and new graduate students; the costs of choosing poorly are large. To ensure a fair selection process, diversity training is required before we are allowed to see any faculty applications to ensure there are no hidden biases. Proper governance and human resources is integral to being chair. On a daily basis I have to deal with university rules and regulations in the form of collective agreements for the Faculty Association, the Teaching Support Staff Union, CUPE and APSA, plus policy and procedures from the University. Humane resources is involved in any complaint issues involving faculty, staff or students. I practice Geoscience at a high level, publishing my results in peer reviewed scientific journals, and train highly qualified professionals at both the undergraduate and graduate level.



ENGINEERS &  
GEOSCIENTISTS  
BRITISH COLUMBIA

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