

2022 Engineering Nominees

Platforms, Histories, and Professional Activities for Election to
the Council

2022 COUNCIL ELECTION PLATFORM

David R.C. Amorim, P.Eng., PMP

Candidate nominated by Members

- EDUCATION:** Project Management Professional, Project Management Institute, 2019 – present
Certificate with Honours, Project Management, Red River College, 2019
MSc, University of Manitoba, 2016
BSc Civil Engineering, University of Manitoba, 2013
- ASSOCIATION ACTIVITIES:** Professional Engineer, Engineers Geoscientists Manitoba, 2016 – present
- OTHER ENGINEERING/
GEOSCIENCE ACTIVITIES:** Professional Engineer, Professional Engineers Ontario (PEO), 2017 – present
Professional Engineer, Engineers Geoscientists New Brunswick (APEGNB), 2019 – 2020
Professional Engineer, Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG), 2019 – present
Professional Engineer, Professional Engineers and Geoscientists Newfoundland & Labrador (PEGNL), 2020 – present
Professional Engineer, Engineers Nova Scotia, 2021 – present
American Concrete Institute (ACI) Manitoba Chapter, Board Member/Secretary/Vice President, 2017 – 2019
Career Trek Inc., Board Member/Treasurer, 2020 – present
- EMPLOYERS SINCE
GRADUATION:** Dillon Consulting Limited:
 - National Transportation Business Unit Operations Lead, 2022 – present
 - Associate, 2018-Present
 - Structural/Bridge Engineer, 2016-Present
 - Structures West Operating Team Manager, 2019-2021
 - Structural Engineer-in-Training, 2013-2016University of Manitoba, Sessional Instructor, Department of Civil Engineering, 2016 – 2020

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

Self-regulation is a great privilege bestowed on our profession but one that we must not take for granted. If we stop growing, reflecting, and adapting as an organization in response to our evolving society, our ability to remain self-regulated is at risk. The cornerstone of our self-regulation is the responsibility entrusted in our profession to ensure that only those qualified to practice engineering do so, and that they do so with the utmost regard for society and the environment. Remaining relevant and maintaining the public's confidence is not easily accomplished. To do so, the Association must firstly continue to protect the public image of our profession by dealing with those who violate the Association's clear Code of Ethics and By-Laws; it must ensure that it regulates licensure of new applicants, from ever-increasing diverse backgrounds, in a strict but inclusive and equitable way, and that once licensed, those members maintain a minimum level of continued professional development and competence; and above all, the Association must govern and regulate in a highly transparent manner while actively and strategically engaging with the general public to further strengthen our profession's public image.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

While I do not believe it is fair to ask which End is the "most important", as I believe they are all equally and incredibly important, I do feel that everyone will have an End that resonates with them a little more than the others - and that is ok! It is this exact diversity that serves to strengthen our collective. In my case, E-5 and E-6 stand out. As a father of a young daughter, I want her to grow in a society where females in the STEM fields are a norm rather than an objective to achieve. Further, I want all youths, from all backgrounds, to have a positive view of our profession and to understand that there is a lot more to our work than "a bunch of nerds doing math"! It should come as no surprise that I am highly passionate about the development of our youth - they are the future after all - and I currently serve on the Board of Directors of local non-profit Career Trek Inc. At Career Trek, our mission is to work collaboratively to remove barriers to education, employment, and life-long learning opportunities by providing hands-on career exploration, mentorship, and workshops, including in the field engineering of course! It was actually Career Trek that put me on my path to become an engineer during career exploration programming in Grades 5/6 at an inner-city school. This passion also naturally extends to my role as a Sessional Instructor at the University of Manitoba where I have had the privilege of delivering various civil engineering courses to undergraduate students over the years. If we can't be excited about where the world is headed once in the hands of the next generations, we have certainly failed at one of our key duties.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

By nature, as practitioners, we are generally detail oriented, often to a fault. That said, in my opinion, to be an effective councillor, one should have the "ability to think in terms of systems and context - to see the big picture" [GP-6 Clause 1.2]. Failing to see the big picture and instead focusing solely on the

intricate details and minutiae of the Association will certainly stifle any meaningful advancement. Not to say that the details aren't important - they certainly are, in some situations even more so than others. However, councillors should have the ability think critically and to see the big picture in their work to ensure that the Association keeps making strides towards achieving its Vision and Ends. That said, equally important is the "ability and willingness to participate assertively in deliberation, while respecting the opinions of others" [GP-6 Clause 1.7]. Given Council's diverse background as well as the diverse background of the Association's membership, there will certainly, and likely oftentimes, be differences in opinion. We must give everyone the opportunity to express their views while listening attentively and we must engage in respectful and constructive dialogue. However, Council also needs to have the ability to make hard decisions that won't please everyone in order to keep progressing forwards.

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

As an energetic and driven consulting bridge engineer for roughly 10-years, I have had the opportunity to work on exciting projects from coast to coast and have been registered as a P.Eng. in six of our jurisdictions (MB, ON, NB, NT/NU, NF, NS). Although going through the membership renewal processes each year can be a bit frustrating, this experience has allowed me to appreciate the similarities - and differences - in how various engineering and geoscience regulatory bodies operate across Canada, from licensure requirements, to reporting of continuing professional development, to general engagement with the membership - and it would be naive to believe that any of these Associations are doing things perfectly. Further, I believe I would provide a valuable perspective to Council drawn from my breadth of experience to date ranging from technical design experience; project management of multi-disciplinary projects; corporate roles ranging from the day-to-day management of our structural west operating team to presently, the day-to-day operations of our firm's largest business unit; involvement with the University of Manitoba as a Sessional Instructor; and finally, involvement on the executive of other boards, currently as the Treasurer for the local non-profit Career Trek Inc. As a councillor, I will strive to eventually leave the Association in a better place than when I joined, and I look forward to the personal development and satisfaction that this experience would in return offer me. I thank you for the consideration to allow me to contribute to our Association as one of our next councillors.

2022 COUNCIL ELECTION PLATFORM

David M.T. Dy, P.Eng.

Candidate nominated by Members

EDUCATION:	BSc Mechanical Engineering, University of Manitoba, 2017
ASSOCIATION ACTIVITIES:	Professional Engineer, Engineers Geoscientists Manitoba, 2020 – present
OTHER ENGINEERING/ GEOSCIENCE ACTIVITIES:	Young Construction Leaders of Manitoba, Director-at-large, present (two-year position) Manitoba Schools Science Symposium, volunteer judge, 2018 – present FIRST Robotics Competition (BC Area), volunteer judge, present
EMPLOYERS SINCE GRADUATION:	DGH Engineering Ltd., Consulting Engineer, 2017 – present

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

To ensure that the Association's governance is in the public's best interests, I believe Council should be made up of a diverse group of individuals that reflect the demographics of the public it serves. The Association will then be able to provide unique perspectives on how its decisions will impact the public's interest and will allow for better governance and the implementation of suitable regulations for the profession.

As the Association and the population of Manitoba continues to expand and diversify, Council should continuously review its current governing documents and mission to ensure it is acting in the public's current and future interests. Doing so will allow the Association to be agile and responsive to changes.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

Though Council sets the expectation for the Association by defining 6 "Ends" that holistically benefit itself and the Public, I believe that the most important End is "E-5: Practitioners Reflect the Diversity of the Public". Manitoba is at an important crossroads where the population and demographics are rapidly changing, and decisions will impact the Association and the public not only in the short term but also the long term. Having an Association that is as diverse as the public it serves will ensure it remains agile and relevant. An Association that does not reflect the diversity of the public will not be able to evaluate if it is adequately protecting their interests.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

Though this section asks Candidates to clearly identify a single characteristic, I believe that a good Councillor will see the value in all Council-identified characteristics. This will allow a councillor to be versatile and agile when servicing the needs of the Association.

However, I believe that the most important characteristic of a good councillor, as set out in "GP-6", is 1.1.1: the "commitment to linking with the legal and moral ownership. This includes the understanding that (a) members of Council, individually and collectively, are stewards of the organization, (b) they represent an ownership comprised of diverse people, (c) they are willing to actively seek to access and understand that diversity and (d) recognize and accept their fiduciary responsibility to the organization". This characteristic is the most important as it provides an ethical and structured framework from which the councillor can perform their duties in the Association's best interest.

To take it one step further, a great councillor will also have the characteristic of 1.1.6: the "Ability and willingness to deal with the vision and long term, rather than the day-to-day details" This characteristic would be a great complement to 1.1.1, as decisions made by Council not only impacts the current Association immediately but will also impact future Association members. Both of these characteristics will help Council and its councillors provide effective strategic planning for the Association to better serve and protect the public.

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

As a born, raised, educated, and contributing engineer in this province, the Association will continue to impact my future. I believe that now is an excellent time to become further involved with the Association. Throughout my professional career I have had the pleasure to interact with a wide range of people from diverse backgrounds (technicians, engineers, production staff, contractors, architects, students, business professionals, and the general public) while also serving on various councils (YCLM and UMSAE Executive Council). This experience has helped shape my strong sense of ethics and empathy, while also developing my communication skills. These traits, combined with my belief that having a Council composed of a diverse group of individuals that are enthusiastic and eager to serve the public, will lead to a stronger Association/Profession. If given the opportunity to serve as a councillor, my experience will help shape a diverse and agile Association that is capable of serving an equally diverse public for years to come.

2022 COUNCIL ELECTION PLATFORM

Tristen Gitzel, P.Eng., FEC

Candidate nominated by Council

- EDUCATION:** BSc Mechanical Engineering, University of Manitoba, 2006
- ASSOCIATION ACTIVITIES:** Professional Engineer, Engineers Geoscientists Manitoba, 2012 – present
Provincial Engineering and Geoscience Week (PEGW) & Spaghetti Bridge Competition, promotions chair 2012 – present
Public Awareness Committee, member 2011 – 2014, chair 2014 – 2022
- OTHER ENGINEERING/
GEOSCIENCE ACTIVITIES:**
- EMPLOYERS SINCE
GRADUATION:** AGI, Application Engineering Manager, 2012 – present
Price Industries, Product Designer, 2009 – 2012
Cadorath Aerospace, Quality Assurance, 2007 – 2009

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

Engineers Geoscientists Manitoba Council should ensure that its members listen to the public and ensure that the public feels heard by the Association. Ensuring a fair, unbiased process for public communication is critical, while also realizing the "true public interest" is a complicated discovery process including ethical and philosophical decisions. If individual Council members are ethical, competent and honest, with room for healthy debate amongst ourselves, then this will ensure the Council is acting in the public's best interest.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

A well-regulated, registered, and licensed group of competent members makes our Association possible, so this end is absolutely a requirement. However, the most important End, is ensuring our members practice with competence and professionalism. If unprofessional and incompetence is allowed to persist and propagate, small erosions of trust will occur from the public and fellow professionals. Our members should be of the strongest character, that can be counted to stand by their virtues in the face of adversity. If prospective young students, who might become engineers or geoscientists one day, don't see integrity, honesty, empathy, and professionalism in our members, then we might awaken one day to not find any members left. If the public can't count on us to champion physical and engineering principles to be utilized on projects, despite challenges to do so, then they might find they don't need us at all.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

A good councillor must have interest and capability to discuss the values underlying the actions taken. All members should be able to explain their work back to first principles, which often come down to values and ethics. Being able to explain problems or disagreements back to the body of knowledge that came before us is invaluable. Being able to articulate this is the difference between being overconfident or arrogant, and "100% confident".

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

Volunteering is contagious and rewarding! The whole world feels more divided than I've seen in my short time on earth, which is a signal to reflect what values we truly hold dear. Inspiring others that integrity and competence are virtues worth fighting for are what keep me volunteering, and getting out of bed every morning.

2022 COUNCIL ELECTION PLATFORM

Kevin Kowalyk, P.Eng., CET

Candidate nominated by Council

- EDUCATION:** BSc Civil Engineering, University of Manitoba, 2015
Civil Engineering Technology, Red River College, 2001
- ASSOCIATION ACTIVITIES:** Professional Engineer, Engineers Geoscientists Manitoba, 2019 – present
- OTHER ENGINEERING/
GEOSCIENCE ACTIVITIES:** Certified Technologist, The Certified Technicians & Technologists
Association of Manitoba, 2009 - present
- EMPLOYERS SINCE
GRADUATION:** City of Winnipeg, Development Engineer, 2015 – present

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

Council should lead by example by making decisions with integrity and keeping public interest at the forefront. Society and our profession are constantly changing both in needs and expectations. Successful leadership needs to be aware of these changes and adapt to them.

Council should also be guiding through policies that are clear, well understood, and reasonable and administer them in a consistent and transparent manner.

Regardless of what the policy or direction is, if it is difficult to understand, vague or inconsistent the overall value of it is low and with little chance that it will accomplish the spirit of what it was set out to do.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

All the Ends are important, and none operate in a vacuum; however, the End that I gravitate toward is E-2, “Practitioners practice with competence and conduct themselves professionally”. To me, our profession’s reputation was built on professionalism and consistent competence. This high level of knowledge and experience to me is what enables all of the other Ends and made me aspire to become an engineer after more than a decade of working with them in a technologist role. Competence in engineering is critical for public safety and in progressing ideas into reality.

Engineer’s professionalism brings with it the public’s confidence and aids in a positive perception of its members.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

I believe 1.3 “Interest in and capability to discuss the values underlying the actions taken in the organization, and to govern through the broader formulation of those values” is an important characteristic for a good councillor. Having councillors that are engaged and proficient in discussing the overarching direction of the organization lays the groundwork to engage in the long term, the big picture, and actual governance. It allows concentration on meaningful dialog regarding the future of the organization, the values of it, its members, and the public.

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

My experience outside of the norm is what would make me a good councillor. I worked for more than a decade with engineers, before returning to school as a mature student to become one myself.

In my role at the City of Winnipeg much of my work is as an intermediary between an engineering division, consultants, politicians, developers, planners, and the general public. This continuous interaction with engineers and non-engineers provides me unique insight into how our profession interacts with society, our role and the public’s expectations of us.

2022 COUNCIL ELECTION PLATFORM

Katherine Meese, P.Eng.

Candidate nominated by Council

EDUCATION:	BSc Biosystems Engineering, University of Manitoba, 2018
ASSOCIATION ACTIVITIES:	Professional Engineer, Engineers Geoscientists Manitoba, 2021 – present
OTHER ENGINEERING/ GEOSCIENCE ACTIVITIES:	Women of Manitoba Engineering Network (WOMEN) Committee for Increasing the Participation of Women in Engineering Engineers of Tomorrow
EMPLOYERS SINCE GRADUATION:	Colliers Project Leaders, Project Manager, 2018 – present

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

While I believe The Association has made good headway with their 'My Story' campaign, I believe more outreach is required to ensure the public has a better understanding of the different roles an engineer can have, as well as their associated responsibilities for public safety. The average Manitoban may not understand the role of the Association and why our governance is the way it is. I believe that sharing this information in some way would instill confidence in the work our peers do, as well as potentially inspire people to learn more about Engineers Geoscientists Manitoba or engineering in general.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

I believe that E-5: Practitioners reflect the diversity of the public is the most important End. Studies have shown that diverse workforces enhance creativity, drive innovation, and help corporations grow and expand their reach. I believe that the Association would benefit from being more diversified and representative of the people of Manitoba.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

The ability to see the big picture is an important characteristic to a good councillor to not lose sight of the Association's overall goals and mission. Taking a step back can often help lend perspective to an issue, question, or task, as well as help determine the root cause of the situation.

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

N/A

2022 COUNCIL ELECTION PLATFORM

Daniel Nenadov, P.Eng.

Candidate nominated by Council

EDUCATION:	BSc Biosystems Engineering, University of Manitoba, 2014 BSc Biology, Nipissing University, 2008
ASSOCIATION ACTIVITIES:	Professional Engineer, Engineers Geoscientists Manitoba, 2020 – present
OTHER ENGINEERING/ GEOSCIENCE ACTIVITIES:	Friends of Engineering, member Young Friends of Engineering, Vice Chair Engineers Canada National Gathering for Consultation on Engagement with Indigenous Communities, participant University of Manitoba Engineering Endowment Fund, board member Association of Consulting Engineering Companies (ACEC) Young Professional Committee
EMPLOYERS SINCE GRADUATION:	Accutech Engineering Inc, Mechanical Engineer, Project Manager, 2014 – present

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

The relationship between engineering/geoscience and the public is crucial to the self-governance of the professions. This relationship must be dynamic to maintain trust in the profession and to continue to keep protection of the public at the forefront. Engineers/geoscientists need to properly understand and appreciate the impact that our contributions to society have on people, communities, the province, the economy, and the overall quality of life for Manitobans. To achieve this goal, Council should be in a state of continuous improvement through incremental and iterative reviews of the governance of the professions. This can be achieved through collaboration with other professions, sharing of best practices, increased engagement of stakeholders, and increased engagement with engineers/geoscientists.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

In my opinion, E4 is the most important of the Ends as it provides the foundation for achieving the other Ends. Engineering & geoscience share unique relationships with all stakeholders and maintaining these relationships enables the other Ends to be achieved. Stakeholder understanding of the role of engineers & geoscientists in society and taking that role seriously is imperative to success of the professions. However, I do think that the Ends, and E4.1 in particular, could be more deliberate in addressing that the

professions are also a stakeholder and that they have an inherent responsibility to have reciprocal relationships with the other stakeholders. It is important that the public and governments understand the importance of the professions, but it is equally important that the professions understand the important role that the other stakeholders have.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

In my opinion, the most important of the core characteristics is 1.2, “the ability to think in terms of terms of systems and context”. As a councillor, it is important to understand that you have a responsibility to the professions and as a result to the public as a whole. Your role is larger than any personal goal or underlying agenda. A good councillor should be able to see the forest for the trees and comprehend how decisions and actions will project into the future and have implications for all Manitobans.

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

I think that individuality should be encouraged within the professions and that all practitioners should be encouraged to meld their unique experiences into their work, workplaces, and relationships with colleagues and stakeholders. I enrolled in engineering as a mature student well after graduating from high school. The experience and education that I gained post-high school and pre-engineering, have shaped who I am as a professional engineer and have provided me with a different perspective than many of my colleagues. This has shown me the importance of complimentary education and how a diversity of education and experiences is extremely beneficial to individual projects and to the professions as a whole. Technical education is a common thread through which people from diverse backgrounds can communicate together to achieve greater goals. I think that an essential part to encouraging the growth of the professions is to make sure that access to education is compatible and available to people that may not be taking the conventional route from high school to university. In my opinion, this is an overlooked aspect of the Ends of the professions as E-6 only mentions K-12 students and does not refer to mature students, tradespeople, or people that were not able to go directly from high school to university.

2022 COUNCIL ELECTION PLATFORM

Alan Pollard, P.Eng.(SM), FEC

Candidate nominated by Members

- EDUCATION:** BSc Electrical Engineering, University of Manitoba, 1976
- ASSOCIATION ACTIVITIES:** Professional Engineer, Engineers Geoscientists Manitoba, 1978 – present
Heritage Committee, member, 2016 – present
Past Presidents Committee, member 2001 – present
Discipline Committee, Chair, 2015 – 2016
Committee Chairs Committee, 2011 - 2015
Legislation Committee, Chair, 2011 – 2015
Investigation Committee, Vice Chair, 2005 – 2015
Engineers Geoscientists Manitoba Council, President, 2000 – 2001
Nominating Committee, member, 2000-2003, 2013-2014
Executive Committee, member, 2000 – 2002
Image Enhancement Committee, member, 1999 – 2000
Experience Review Committee, member, 1999 – 2000
Engineers Geoscientists Manitoba Council, Councillor, 1997 – 2002
Research & Development Committee, member, 1995 – 1997
Electronic Seal Committee, member 1995-1996, 2006-2010
Public Awareness Committee, member, 1994 – 1999
- OTHER ENGINEERING/
GEOSCIENCE ACTIVITIES:** Manitoba Robot Games, Executive Committee, 2014 – present
Fellow of Engineers Canada (FEC), 2010
Pacific Legal Technology Conference, presenter, 2007
Electronics and Information Association of Manitoba, Past President
University of Manitoba, Undergraduate Design Project External Examiner,
1978 - present
- EMPLOYERS SINCE
GRADUATION:** Private Consultant, 2019 – present
Masters of Space and Time, Chief Engineer, 2008 – 2019
The Law Society of Manitoba, Director of Technology, 2000 – 2008
Manitoba Telephone System, various positions leading to Manager –
Planning R&D, 1976 – 2000

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

The most important thing Council can do to protect the public interest is to make the Association and the profession more welcoming to current and prospective members. Manitoba lags behind other provinces in this regard. We have fewer members per 1000 provincial residents than other provinces. A greater sense of community in the profession would make it more attractive to all and lead to an increase in ethnic and gender diversity.

If people do not feel that sense of community, they will not join. And we cannot "govern in the public interest" unless and until they are members.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

The short answer is "All of them" but to pick one, I would pick "4.1 Practitioners value and engage in a self-regulating profession" - That one is the key to creating that sense of community. We must value ourselves if we are to convince others to join us. If we achieve that then students from kindergarten to graduate school will see us as a worthy profession and people from all backgrounds will feel that they will be welcomed into that community. We also need to consider that a significant percentage of our members reside in another province or country. Our Act doesn't give them much input into the Association but theirs is also a voice that should be heard.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

Council has an extensive list, but I think the most important one is missing.

A councillor must first be a good listener. They must listen to other councillors, to members, to prospective members, and to the public. Only then will Council have the background to make decisions and take actions that will strengthen the Association and the province. Listening is also a necessary step to create that sense of belonging that will make our community more diverse.

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

I was last elected to Council over 20 years ago and the profession is a different place now than it was then. Many things have changed but the core values that we have as engineers and geoscientists, and the things that motivate us to do what we do and to strive to do it better have not. Adapting to changing conditions and changing technology is just an ordinary Tuesday to us. So, let's build a profession we can be proud of and that will attract new members with new skills and backgrounds.

2022 COUNCIL ELECTION PLATFORM

John Sawatzky, P.Eng.

Candidate nominated by Council

- EDUCATION:** B.Sc. Mechanical Engineering, University of Manitoba, 1983
- ASSOCIATION ACTIVITIES:** Professional Engineer, Engineers Geoscientists Manitoba, 1986 – present
Engineers Geoscientists Manitoba Councillor, 2020 – present
By-law Review Committee, member, 2022
Ownership Linkage Committee, member, 2021
- OTHER ENGINEERING/
GEOSCIENCE ACTIVITIES:** Society of Manufacturing Engineers, former member
- EMPLOYERS SINCE
GRADUATION:** Monarch Industries:
 - Process Engineering & Advanced Manufacturing Director, 2018 – present
 - Capital Projects & Environmental Compliance Director, 2012 – 2018
 - Automation Manager, 2007 – 2012
 - Facilities Manager, 1998 – 2007Thor Manufacturing, Plant Engineer, 1983 – 1984 & 1986 – 1998
Versatile Farm Equipment, Industrial Engineer, 1984 – 1986

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

Council should be setting policies and direction in place that ensures the Association is connecting with the people of Manitoba and ensures that the interests of the people of Manitoba, with regards to engineering and geoscience, is being met.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

I feel that the most important 'End' is E2, "Practitioners practice with competence and conduct themselves professionally". This is the most important End because practicing with competence is what guarantees that the public of Manitoba is protected and it is how the public will see that the Association's primary concern is their interest, not the practitioner.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

I feel that the most important characteristic of a good councillor is that he or she is a steward of the organization, and that the councillor is there to serve the organization. As leaders of the organization, I believe that councillors should adopt the leadership philosophy of servant leadership. Councillors are elected to serve the public and the members – not the other way around.

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

I have practiced as a Manufacturing Engineer in Manitoba for 39 years and I am thankful to my employers and the engineering community for giving me the opportunity to have a fulfilling career and to gain invaluable experience along the way.

I have served one term as councillor and through most of this time Council meetings were held virtually. This made it challenging to make a real connection with fellow councillors. I look forward to serving a second term with in-person meetings bringing the concerns and affirmations of rank-and-file engineers to Council.

2022 COUNCIL ELECTION PLATFORM

Efrem Teklemariam, P.Eng., FEC

Candidate nominated by Council

- EDUCATION:** MSc Water Resources Engineering, University of Manitoba, 1999
MEng. Hydraulic Engineering, Delft Technical University, the Netherlands, 1988
BSc Hydraulic Engineering, Addis Ababa University, Ethiopia, 1983
- ASSOCIATION ACTIVITIES:** Professional Engineer, Engineers Geoscientists Manitoba, 1996 – present
Engineers Geoscientists Manitoba Councillor, 2018 – present
Manitoba 2030 Coalition, member, 2019 – present
Finance Committee, member, 2018 – present
Centennial Task Group, member, 2016 – 2019
Engineers Canada Accreditation Committee, member, 2012 – 2015
Nominating Committee, member, 2009
Academic Review Committee, member, 2003 – 2014
- OTHER ENGINEERING/
GEOSCIENCE ACTIVITIES:** Natural Sciences and Engineering Research Council of Canada (NSERC), project review panel
Climate Change & Hydrology of The Natural Sciences and Engineering Research Council of Canada, panel member
International Educated Engineering's Qualification Program (IEEQ), founding member
- EMPLOYERS SINCE
GRADUATION:** Manitoba Hydro:
 - Water Resources Engineering, Manager, 2009 – present
 - Hydroinformatic Engineering, Section Head, 2003 – 2009
 - Hydrotechnical Studies, Senior Engineer, 1990 – 2003

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

Council should ensure its members are up-to-date and aware of their ethical commitments to the public and that they understand that they must be practicing with utmost integrity and with the highest standards in-mind so that all engineering works are completed with the public's safety and interest as a primary consideration while at the same time considering environmental and economic aspects.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

The most important End should be that - “Practitioners reflect the diversity of the public”. A balanced workforce that reflects the diversity of our society makes a profession sustainable. The current constitutional make-up of our profession is not a true reflection of the demographic diversity of our society in Manitoba. As part of Council, we should be proactively working to promote engineering to be more inclusive and make it accessible and interesting to all members of our society.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

The most important characteristic of a good councillor is “the ability and willingness to deal with the vision and the long term, rather than the day-to-day details.” The world of engineering is constantly changing and evolving with the environment around us - changes will occur that we won’t even realize will affect our work one day. Being able to have the vision and willingness to look forward to ensure that our profession is able to meet future public needs and interests in an environment with increasing unknowns is essential. A councillor should have the vision to steer the profession to have the tools and knowledge to be able to adapt to these changes while maintaining professional integrity and regulation.

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

Throughout my career I have been a key driver of promoting the engineering profession and diversity within it. I have been an active member on numerous Association committees including being a councillor. My experiences and leadership skills have made me an ideal councillor as I have been pivotal in promoting the profession and driving its diversity. I am recognized as a national and international technical expert and am the manager of the Water Resources Engineering Department at Manitoba Hydro. I possess significant leadership and dedication to managing the work from this technical area. I also actively participate on numerous professional organizations and working groups representing Manitoba and the engineering profession.

2022 COUNCIL ELECTION PLATFORM

Lisa Thomson, P.Eng.

Candidate nominated by Council

EDUCATION: BSc Civil Engineering, University of Manitoba, 2009

ASSOCIATION ACTIVITIES: Professional Engineer, Engineers Geoscientists Manitoba, 2012 – present
Mentorship Program, mentor, 2019

OTHER ENGINEERING/ GEOSCIENCE ACTIVITIES:

**EMPLOYERS SINCE
GRADUATION:** Tower Engineering:

- Associate, 2018 – present
- Structural Engineer, 2012 – 2018
- EIT, 2008 – 2012

PLATFORM PART 1 – THE PUBLIC OF MANITOBA

The Association governs and regulates the professions in the public interest. What is, or what should, Council be doing to ensure that its governance is in the public interest and why?

I believe ensuring that we have competent engineers in their fields is one of the top priorities of the Council. The demand for engineering in Manitoba appears to be rising and making sure that we have engineers that are capable to complete the work needed in a safe and knowledgeable manner serves the public's best interest. The Council should also be looking at the future of engineering to have a diverse group of new engineers joining the Association (both EITs and engineers from outside of Manitoba) and working with our current engineers to stay knowledgeable with new techniques and technologies to best serve the public.

PLATFORM PART 2 – THE ASSOCIATION

Council sets the expectation for the Association by defining the Ends. What is, or should be, the most important End and why?

Each part of the Ends is equally important in my opinion because if we fail at one aspect of it the profession as a whole will suffer. Focusing solely on one aspect of it also means the others will suffer. The Council at times may have one End that is a priority, but this will constantly be changing and evolving as the needs of the Association and profession change over time. I believe it is Council's responsibility to make sure that at the times where there is a prime focus the other Ends are not being neglected or forgotten.

PLATFORM PART 3 – THE COUNCIL

Council sets out the core characteristics of what it considers to be a good councillor in Clause 1 of GP-6. What is, or should be, the most important characteristic of a good councillor and why?

As engineers we are problem solvers and sometimes, we want to solve the problem as quickly as possible, while this is what helps us be good engineers, I believe being able to listen and process what people are saying is a quality that is needed. Sometimes this means not being able to solve a problem right away, but rather really understand the issue and what people are saying when they themselves may not be sure what their full concern is. This can help to determine the root of the concern and also prevent further issues in the future. I believe that this helps with determining the long-term vision of the Association and being able to proactively work to resolve issues through deliberation.

PLATFORM PART 4 – THE CANDIDATE

Please provide any additional information you would like as to why you would make a good councillor.

With my career and experience I believe I can add to the Council and help with some of its current initiatives as well as bring some new ideas such as how to improve the relationship of engineers/the Association and the City of Winnipeg. I am a member of other associations in Canada which can help bring other perspectives to this Council/Association. I feel my organizational skills and ability to see things to the end will benefit the Council.