
2017 Geoscience Nominees

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

Jason Mann, M.Sc., P.Geo.

Candidate put forth by the Nominating Committee

- EDUCATION: M.Sc. Geology, University of Manitoba, 1999
B.Sc. (Maj) Environmental Science, University of Manitoba, 1995
- ASSOCIATION ACTIVITIES: Professional Geoscientist, Engineers Geoscientists Manitoba, 2003 to present
Mentored/Supervised various Engineering Interns and Geoscience Interns
- OTHER ENGINEERING ACTIVITIES: Professional Geoscientist, Association of Professional Geoscientists Ontario
Member of Association of Groundwater Scientists and Engineers, National Ground Water Association
Director (Prairies Region), Tunnelling Association of Canada, 2015 to present
Editorial Advisory Board, Tunnels and Tunnelling Magazine (North America Edition)
Author/Co-Author of various Canadian Geotechnical Society and Canadian Dam Association conference papers, and other peer-reviewed journal papers
- EMPLOYERS SINCE GRADUATION: KGS Group, Senior Geologist and Department Head of Environmental Services (Associate Principal), 2016 to present
KGS Group, Senior Geologist and Assistant Manager of Environmental Services, 2013-2016
KGS Group, Senior Geologist, 1999-2013
Geological Survey of Canada, Quaternary Geologist (Contract Position), 1998-1999
- QUESTIONS FROM THE NOMINATING COMMITTEE:
- 1) In your view, what is the single most important issue facing the professions today, and why?**
- There are probably more than a few, but here is one example. New graduates are technologically savvy, and have ready access to digital information and tools; this often leads to immediate and very positive contributions to engineering and geoscience projects. However, there must remain the recognition of, and the will to participate in, mentoring of new graduates along with their commitment to work diligently from the ground up, in a more traditional “hands on” way, to build and broaden experience, skills, and in time develop sound judgement.*
- 2) Why is self-regulation and the responsibility given to us by government and the public important?**
- Regulation of engineering and geoscientific practice in Manitoba by a group of peers ensures that the key functions of the Association are upheld to the highest standard by individuals who are uniquely qualified to understand the complexities of the practice. As such, this peer group is able to administer the legislation and govern the profession in a highly effective, and impartial manner, ensuring the utmost skill and competency of practice from the practitioners at-large, and in turn*

protection of the public interest.

3) What do you think the public's expectation is from the practices of engineering and geosciences?

Engineering and geoscience projects are often governed by complicated and sometimes competing criteria such as (but not limited to) budget, schedule, risk, the environment, and socio-economic concerns. The public should expect not only sound technical expertise from engineers and geoscientists, but also the inclusion of experience and judgement, to deliver constructible, optimized, and innovative designs that address all project needs and associated interests, to the extent practicable.

Linda Murphy, P.Geo.

Candidate put forth by the Nominating Committee

EDUCATION: B.Sc. Geological Sciences (Honors), University of Manitoba, 2006

ASSOCIATION ACTIVITIES: Professional Geoscientist, Engineers Geoscientists Manitoba, 2015 to present
Engineers Geoscientists Manitoba Indigenous Professional Initiative Committee, Member, 2015 to present
Engineers Geoscientists Manitoba Public Interest Review Committee, Member, 2016 to present

OTHER ENGINEERING ACTIVITIES: Presenter, Geoscience and First Nation cultural awareness every June for students with the Fairholme Hutterite Colonies (Grades 10, 11 and 12) from Southwestern Manitoba

EMPLOYERS SINCE GRADUATION: Klondex Canada True North Mine, Community and First Nations Liaison Manager, 2017 to present
Manitoba Growth Enterprise and Trade Mineral Development Division, Field Mapper Geologist (2006-2010), Community Liaison Geologist (2010-2014), Indigenous Issues Policy Analyst (2014-2017)

QUESTIONS FROM THE NOMINATING COMMITTEE:

1) In your view, what is the single most important issue facing the professions today, and why?

The most important issue facing the professions in Canada today is a lack of understanding between professional organizations and grassroots people, including Indigenous Peoples. When segments of the public feel their understandings and knowledge are not respected, our professions are poorly served. Indigenous Peoples, the general public and Engineers Geoscientists Manitoba members, gain through knowledge sharing.

2) Why is self-regulation and the responsibility given to us by government and the public important?

Self-regulation and the responsibility that goes with it, allows for timely responsive changes as our knowledge expands (science, technical or social). Governments and the public expect the very best standards from our Engineers Geoscientists Manitoba organization and its members. We best represent the professions by being trustworthy, improving knowledge sets and as our knowledge improves, being responsive to change.

3) What do you think the public's expectation is from the practices of engineering and geosciences?

Practitioners in geoscience and engineering are expected to protect the public's best interests and use their knowledge ethically. We must be

competent in our professions and follow or exceed the highest safety standards.

As an Indigenous woman and a geoscientist, I approach the Committee role through a different lens. I come with practical experience in communicating the science of geology with First Nations in Manitoba. My main goal is that we work better together, in ways that are respectful of different perspectives and equitable for all.

Dave Owens, P.Geo.

Candidate put forth by the Nominating Committee

- EDUCATION: B.Sc. (Honors Geology), University of Manitoba, 1985
- ASSOCIATION ACTIVITIES: Professional Geoscientist, Engineers Geoscientists Manitoba, 2000 to present
Engineers Geoscientists Manitoba, Councillor, 2015 to present
Ownership Linkage Committee, member
Chapters Constitution Committee, member
- OTHER ENGINEERING ACTIVITIES: Geoscience Canada N1 43-101, N1 51-101 Workshop Meetings and Course Development
Established First Nations industry collaboration – Section 35 Duty to Consult
- EMPLOYERS SINCE GRADUATION: MoGeotechnical Services Inc., President/Principle Consultant
Cabot Corporation, Senior Geologist
FWS Group of Companies, Business Development Manager
Boart Longyear, Business Development Manager
Major Drilling Group International Inc., Canadian Operations Manager
Inco (Vale) Ltd., Senior Geologist
Self-employed Geologist
- QUESTIONS FROM THE NOMINATING COMMITTEE:
- 1) In your view, what is the single most important issue facing the professions today, and why?**
- Ensuring the protection of the public during the development or delivery of infrastructure, goods, and services remains the most important issue facing the professions today. All aspects of our professions that help maintain or advance modernized society must be vigilant in ensuring the highest possible standards of safety and protection to the environment.*
- 2) Why is self-regulation and the responsibility given to us by government and the public important?**
- The responsibility of self-regulation empowers our profession to continually improve our standards to help reset our targets for safety and productivity in each of our specialized contributions to industry and in turn to the public and the environment.*
- 3) What do you think the public's expectation is from the practices of engineering and geosciences?**
- The public's expectation from our selected professions is to help deliver to all sectors of society a sustainable, safe, efficient delivery of infrastructure, goods, and/or services with the highest standards of protection to the public and the environment that sustains us all.*