
2018 Geoscience Nominees

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

Doug Bell, M.Sc., P.Geo., FGC.

Candidate put forth by Self-Nomination

- EDUCATION: M.Sc. Geology, University of Alberta, 1994
B.Sc. Geology, University of Manitoba, 1986
- ASSOCIATION ACTIVITIES: Professional Geoscientists, Engineers Geoscientists Manitoba, 2002 to present
Engineers Geoscientists Manitoba, Councillor, 2016 to present
Executive Committee, 2017 to present
By-Law Committee, 2017 – 2018
Nominating Committee, 2008 and 2016
Registration Committee, 2008 – 2016
Environment and Sustainable Development Committee, 2008 to 2011 (Vice Chair 2010-2011)
Professional Registration of Geoscientists Subcommittee, 1997 – 1998
- OTHER ENGINEERING/ GEOSCIENCE ACTIVITIES: Fellow of Geoscientists Canada, inducted 2014
Engineers Geoscientists Manitoba Student Networking Event, 2012 – 2015
Professional Member of APEGA (Alberta), APEGS (Saskatchewan), NAPEG (NWT & Nunavut), APGO (Ontario)
APEGA Responsible Member; Ethics Workshop Participant
Manitoba Environmental Industries Association, member, former Board Member
National Ground Water Association, member
Canadian Council of Ministers of the Environment, Committee member
- EMPLOYERS SINCE GRADUATION: Dillon Consulting Ltd., Partner/Geoscience Practice Leader, 2003 to present
Manitoba Conservation, Soil and Groundwater Specialist, 2000 to 2002
M.M. Dillon Limited, Environmental Geologist/Hydrogeologist, 1992 to 1999
Norcen Energy Resources Ltd., Exploration Geologist, 1989 to 1991
University of Alberta Geological Sciences, Research Assistant, 1988
Alberta Research Council, Oil Sands Geologist, 1987
Canadian Hunter Exploration Ltd., Junior Petroleum Geologist, 1986
- QUESTIONS FROM THE NOMINATING COMMITTEE: **1) What is the most important issue facing the professions today? Why?**
An important issue facing engineering and geoscience today is the shortage of mid-career experienced professionals. These resource constraints directly affect the economic growth and competitiveness of our businesses. The solution to this situation needs to come from within the Professional community through implementing more direct mentoring/coaching of early-career professionals to advance the development of the necessary skills/competencies to meet the needs of our marketplace.

2) Why is self-regulation, and its associated responsibility important?

Self-regulation is an important component to the professional practice. As practicing professionals we have an in-depth understanding of the evolving requirements to maintain the standards of practice to protect the public and environment. This significant responsibility is taken very seriously and self-regulation is a demonstration of this commitment. Self-regulation is also a privilege that needs to be proactively managed to ensure it continues to address the needs of society.

3) Why is diversity important to the professions?

Diversity is an important and growing component of society. The workforce of today is increasingly becoming a mixture of diverse cultures, religions and races. Diversity is beneficial as it provides different thinking styles and introduces new and alternate approaches to problem solving, which can lead to innovative solutions. Accepting and promoting diversity is inclusive and encourages greater interaction within teams and groups of people. It is therefore important to promote ethnic, social, cultural and gender-related diversity so that the professions reflect the diversity in society.

4) What is the public's expectation of engineering and geosciences?

The practice of engineering and geoscience operates at the interface between the natural and the constructed world. We are viewed as leaders in applying scientific and engineering principles to improve society. Public safety is paramount in our actions. In addition the public also entrusts us to promote sustainable development and minimize environmental impacts for the protection of the natural environment for future generations. An emerging issue related to this is the understanding of climate change and extreme weather events and how this will influence the design and operation of various infrastructure systems.

Linda Murphy, P.Ge.

Candidate put forth by the Nominating Committee

- EDUCATION: B.Sc. Geological Sciences, University of Manitoba, 2006
- ASSOCIATION ACTIVITIES: Professional Geoscientists, Engineers Geoscientists Manitoba, 2015 to present
Indigenous Professionals Initiative Committee (IPIC), 2015 to present
Public Interest Review Committee (PIRC), 2016 - 2018
Indigenous Members Chapter, Secretary, 2018
- OTHER ENGINEERING/ GEOSCIENCE ACTIVITIES: Presenter, Geoscience and First Nation cultural awareness, Fairholme Hutterite Colony students (Grades 4 – 12), 2013 to present
- EMPLOYERS SINCE GRADUATION: Yamana Gold Inc., Community Relations, Senior Manager, January 2018 to present
Klondex Canada True North Mine, Community and First Nations Liaison Manager, 2017 - 2018
Manitoba Growth Enterprise and Trade Mineral Development Division, 2006 - 2017
- Field Mapper Geologist, 2006 - 2010
 - Community Liaison Geologist, 2010 - 2014
 - Indigenous Issues Policy Analyst, 2014 - 2017

QUESTIONS FROM THE NOMINATING COMMITTEE:

1) What is the most important issue facing the professions today? Why?

The most important issue facing Engineers Geoscientists Manitoba, is a sense of distance between members of the professions and underrepresented minority groups. These are the grassroot members of the public the Association exists to serve. If segments of the public feel their understandings and knowledge are not respected, our professions can lose relevance and ultimately our best work will not achieve the best results. Positive relationships and open conversations will, in time, have the added benefit of a prospective Engineers Geoscientists Manitoba membership increase.

2) Why is self-regulation, and its associated responsibility important?

The ability to self-regulate and the responsibility within implementing the rules and regulations allow Engineers Geoscientists Manitoba to deliver responsive guidance to government and policy-makers and ensures our excellence standards in service and product specific to Engineers Geoscientists Manitoba. As members are empowered to develop practices to work safely, efficiently, and ethically, we inspire confidence and build trust in all that we do.

3) Why is diversity important to the professions?

The professions can only be strengthened by the inclusion of diverse perspectives. It comes down to the concept that every person at the table has a gift they can bring to the team. Members across the social spectrum have different experiences, cultures, and areas of expertise that will not slow down decision-making; it will develop more in-depth understandings, encourage innovation, and problem solve in ways that are relevant, respectful, and equitable for all segments of society.

4) What is the public's expectation of engineering and geosciences?

Governments and all members of the public expect an excellence in standards from Engineers Geoscientists Manitoba. Practitioners in geoscience and engineering are expected to be competent and ethical and will adhere to a standard of excellence in order to serve the public's best interests.