



Association of Professional Engineers and
Geoscientists of the Province of Manitoba

2012
Platforms and Histories
and the
Professional Activities
of the Engineering Nominees
For Election
to the Council

KASSEM HARB, P.Eng., MBA

EDUCATION	MBA, University of Manitoba, 2002 B.Sc. Civil Engineering, University of Manitoba, 1989
ASSOCIATION ACTIVITIES	Member, APEGM, 1994 to present
OTHER ENGINEERING ACTIVITIES	Manitoba Hydro Professional Engineers Association (MHPEA)- Past- President, 2012 to present MHPEA, President, 2010 to 2012 MHPEA, Vice-President, 2009 to 2010 MHPEA, Councillor, 2003 to 2004 MHPEA, Safety Committee Member, 2001 to 2003
EMPLOYERS SINCE GRADUATION	Manitoba Hydro, Project Engineer/Manager - 1999 to present Centra Gas Manitoba, Project Engineer/Manager - 1992 to 1999 HARB Management and Services, Structural Engineer - 1991 to 1992 Frovich & Associates, Structural EIT - 1988 to 1991
PLATFORM	As an APEGM Councillor, I will make every effort to represent you and support APEGM's vision and mission by: <ul style="list-style-type: none">• Addressing any issues arising from the Continuing Professional Development program and recommend/act on any changes that suits the needs of membership at large.• Working towards strengthening the status of our profession locally and nationally.• Promoting new programs that benefits everyone in their development through consultation with the membership.• Consulting with other professional associations for the betterment of our society.

RANDY HERRMANN, P.Eng.

EDUCATION	B.Sc. Geological Engineering, University of Manitoba, 1988
ASSOCIATION ACTIVITIES	Member, APEGM, 1999 to present Chair, APEGM Indigenous Peoples' Initiative Committee Assisted in Spaghetti Bridge Competition - Thompson, 2012
OTHER ENGINEERING ACTIVITIES	Member, PEO - 1991 to present Member, National Women and Aboriginal Advisory Committee
EMPLOYERS SINCE GRADUATION	University of Manitoba, Director, Engineering Access Program - 1998 to present Mnjikaning First Nation, Project Manager - 1996 to 1998 Ogemawahj Tribal Council, Engineer/Project Manager - 1995 to 1996 Terraspec, Engineer-in-Training, Geotechnical Engineer - 1988 to 1995
PLATFORM	I believe the future of the engineering and geoscience professions rests on four pillars: - better outreach to the general public - being more inclusive - a healthy influx of people into the profession, and - the majority of engineers/geoscientists joining APEGM.

As an APEGM councillor, I will endeavour to:

- Increase awareness of engineering and geoscience careers to youth that may not have had the opportunity to learn of them (Aboriginal youth, youth in northern, rural and isolated communities, and young women).
- Use my position in the Faculty of Engineering at the University of Manitoba to maintain and develop communications with the engineers and geoscientists that work there and the students that study there.
- Develop my close working relationships with the Women in Science and Engineering program (WISE), the University of Manitoba Faculty of Engineering, Internationally Educated Engineering Qualification Program (IEEQ), Aboriginal communities, and numerous corporations to promote the professions of engineering and geoscience.

HOWARD N. PROCYSHYN, P.Eng.

EDUCATION	B.Sc. Electrical Engineering, University of Saskatchewan, 1975
ASSOCIATION ACTIVITIES	Member, APEGM, 1977 to present Member, APEGM Experience Review Committee 2000 to present
OTHER ENGINEERING ACTIVITIES	Illuminating Engineering Society, Past-President, Membership Chair, Board of Managers, 1977 to present
EMPLOYERS SINCE GRADUATION	Smith Carter Architects & Engineers Inc., Manager Electrical; Director of Engineering; Senior Principal - 1999 to present Action Consulting Engineers Inc., Manager Electrical; Vice-President; Partner - 1983 to 1999 Reid Crowther Partners Ltd., Electrical Design Engineer - 1979 to 1983 Westinghouse Canada Ltd., Product Application Engineer - 1975 to 1979
PLATFORM	<p>A long career in engineering has provided an opportunity to present solutions to the many challenges in business, and human resources. These problem solving experiences have contributed to building attributes of tolerance, understanding and fairness.</p> <p>Serving on several Boards, professionally, and in the community has been an opportunity to apply these attributes. Serving on the Experience Review Committee for many years has been a way to give back to the Association.</p> <p>A Council role will be a natural evolution of applying these many experiences and attributes to achieve results in administering the duties and responsibilities of Council.</p>

ROGER G. REMPEL, P.Eng. FEC

EDUCATION	B.Sc. Civil Engineering (with distinction), University of Manitoba, 1991
ASSOCIATION ACTIVITIES	Councillor, APEGM, 2010 to present Chair, APEGM Advocacy Task Force, 2011 to present Member, APEGM, 1993 to present Served as CEM Liaison to APEGM committees APEGM Public Awareness Committee Stakeholder for consulting industry and its relationship with APEGM Assisted in developing partnership (MOU) document between APEGM and CEM (as CEM President)
OTHER ENGINEERING ACTIVITIES	Fellow, Engineers Canada, 2011 Director, Consulting Engineers of Manitoba (CEM, now ACEC MB) Board – (Multiple terms 2001 to 2009) Chair, CEM Public Awareness Committee – 1998 to 2004 Vice President, CEM – 2005 to 2006 President, CEM – 2006 to 2007 Alternate Warden, Ritual of Iron Ring Camp 8 – 2009 to present Presenter, various provincial engineering associations across Canada – Engineers Canada Climate Change Vulnerability Assessment for Infrastructure Member, AWWA Climate Change Committee Member, CWWA Climate Change Committee
EMPLOYERS SINCE GRADUATION	Stantec, Senior Environmental Engineer, Associate – 2010 to present TETRES Consultants Inc., Principal, 2007 to 2010 TETRES Consultants Inc. Associate – 1990 to 2006
PLATFORM	As an APEGM Councillor I will endeavor to: <ul style="list-style-type: none">▪ Foster growing involvement of young professionals within APEGM and promote the importance of attaining P.Eng./P.Geo. designation to new APEGM members.▪ Work to establish clear and responsible frameworks relating to Engineering Advocacy for APEGM.▪ Encourage improved communication and greater understanding between different sectors of engineering/geoscience professions: i.e. public, private, consulting; client groups, government, and academia.▪ Promote and increase the profile of engineering and geoscience with the community, organizations and elected officials.▪ Promote and increase the voice of the professions and encourage a larger engineering and geoscience voice in the public realm on issues related to our profession.▪ Promote an image to the public of APEGM as an organization consisting of professionals known to be at the forefront of emerging knowledge and innovation – the optimum professionals to respond to emerging technological challenges in a rapidly changing world.

** The information, content and views expressed in these platforms are submitted by the candidates and are not necessarily those held by APEGM or the APEGM Council.*

GUENTER SCHAUB, P.Eng., FEC

EDUCATION	B.Sc. Civil Engineering, University of Manitoba, 1976
ASSOCIATION ACTIVITIES	Member, APEGM, 1978 to present Member, APEGM Experience Review Committee, 2001 to present Member, MAA/MOU Task Group, 1994 to 1996
OTHER ENGINEERING ACTIVITIES	Member, PEO, APEGS, APEGA, APEGBC Member, CSCE, ACI Member, CCPE Australia MRA Team, 2006 to 2007 Engineers Canada, Certificate of Fellowship, 2009 Friends of Engineering, Founding Member
EMPLOYERS SINCE GRADUATION	Tower Engineering Group, Structural Partner - 1998 to present Dominion Construction (currently Stuart Olson Dominion), Manager of Engineering - 1976 to 1998
PLATFORM	As a member of APEGM Council, I will endeavour to: <ul style="list-style-type: none">• make a meaningful contribution to the decisions, policies and direction, from the perspective of an engineer that has worked on the "front lines" of a consulting engineer business (14 years) and as a contractor (22 years).• maintain and improve the relevance of APEGM to the entire membership. This can be achieved through: i) education, and ii) rejuvenated policies and activities that resonate with the members.• encourage more interaction between engineering employers and the Faculty of Engineering with the goal of providing students with more exposure to the challenges of the workplace and the opportunities for their engineering career in Manitoba.• develop new initiatives that raise the profile of engineers throughout the Province, and celebrate the many positive contributions that engineers make on an on-going basis.

JEFF SHORT, P.Eng.

EDUCATION	B.Sc. Civil Engineering, University of Manitoba, 2008 Diploma, Municipal Engineering Technology, RRC, 2004
ASSOCIATION ACTIVITIES	Member, APEGM, 2012 to present Member, APEGM Public Awareness Committee, 2008 to 2011 Volunteer Master of Ceremonies at APEGM/UMES Annual Student Networking Dinner, 2009 and 2010 Volunteer judge on behalf of APEGM at the Manitoba Schools Science Symposium, 2009, 2010, and 2011.
OTHER ENGINEERING ACTIVITIES	Chairperson of the Association of Consulting Engineering Companies - Manitoba (ACEC-MB) Professional Development Committee, 2012 to present Member, ACEC-MB Young Professionals Committee, 2011 to 2012 Member of the Canadian Institute of Transportation Engineers (CITE) Local Arrangements Committee for the 2012 Annual conference in Winnipeg, 2011 to 2012 Volunteer judge at the Canada Wide Science Fair, Winnipeg, 2009
EMPLOYERS SINCE GRADUATION	Dillon Consulting Limited, Transportation Engineer - January, 2012 to present Dillon Consulting Limited, Transportation EIT - April, 2008 to January, 2012
PLATFORM	<p>As a member of APEGM Council, I will focus my efforts on supporting the existing endeavors currently underway and look to increase the publics' awareness of our respective professions.</p> <p>As a past member of the Association's Public Awareness Committee I understand the importance of promoting our profession. Increased public awareness will lead to several positive outcomes, most important of which is increased enrollment in engineering/geoscience programs and an eventual increase in registration with the Association.</p> <ul style="list-style-type: none">• Bolster existing efforts underway to attract students entering the key transition years (junior high to high school and high school to university). Express the importance of choosing courses and paths that could potentially lead to a career as a professional engineer or geoscientist.• Continue our presence at the engineering and geoscience programs of local post-secondary institutions voicing the importance and benefits of registering with the Association upon graduation.• Focus efforts on communicating to the public the advantages of hiring licensed professionals. Increase advertising aimed toward the general public by way of media and involvement with difference events across the Province.

DON N. SPANGELO, P.Eng., FEC

EDUCATION	B.Sc. Civil Engineering, University of Manitoba, 1981 Diploma, Design and Drafting Technology, RRCC, 1976
ASSOCIATION ACTIVITIES	Member, APEGM - 1983 to present Councillor - 1995 to 1997 and 2008 to present Legislation Committee - 1988 to 2012, (Chair 1997 to 2012) Discipline Committee - 1993 to 2008 (Chair 1999 to 2008) Issues Awareness Board - four years Publication Committee - 1983 to 1989 Professional Development Task Group - 2011 Continuing Competency Committee - present
OTHER ENGINEERING ACTIVITIES	Manitoba Hydro Research Board - 2005 to 2007 Spaghetti Bridge Building promotion within school system - 1996 to present
EMPLOYERS SINCE GRADUATION	Manitoba Hydro, Structural Section Head - 1992 to present Crosier Kilgour & Partners, Structural Design Engineer - 1985 to 1992 Dominion Bridge, EIT - 1981 to 1983
PLATFORM	As an APEGM Councillor I will endeavor to: <ul style="list-style-type: none">▪ Promote engineering and technical careers within the school system,▪ Utilize my association and practicing design engineer experiences to bring a seasoned perspective to Council while encouraging younger members to bring forward new emerging concepts to be addressed by the Association,▪ Represent Council on the Continuing Competency Committee (CCC) to ensure the Professional Development Program meets its objectives. It is critical to be able to demonstrate through this program that APEGM is being responsible in protecting the public.

V. STIRLING WALKES, P.Eng.

EDUCATION	B.Sc. Mechanical Engineering, University of Manitoba, 1992
ASSOCIATION ACTIVITIES	Member, APEGM, 1997 to present Member, APEGM Experience Review Committee, 1999 to 2003 MIT Referee
OTHER ENGINEERING ACTIVITIES	ASHRAE Manitoba Board (Secretary, Vice-President, President, Research Promotion) NRCAN (Standing Committee for Energy Efficiency in Buildings) Member, CaGBC LEED Accredited Professional ASHRAE, High Performance Building Design Professional American Society of Plumbing Engineers Member, PEO, APEGA, Barbados Association of Professional Engineers
EMPLOYERS SINCE GRADUATION	SMS Engineering Ltd., Mechanical Engineer/Partner - 1999 to present Reid Crowther & Partners, Mechanical Engineer - 1996 to 1999 Motor Coach, Process Engineer - 1995 to 1996
PLATFORM	<p>I would like to see the Association be more engaged with young people to garner interest in engineering and geoscience.</p> <p>We need to augment the transition from retiring engineers and those coming up in the profession. I would like to ensure that the public and affected industries can feel confident that engineers they deal with can address their needs.</p> <p>Promotion the profession through a variety of avenues will help engineering to be recognized as a key element in society.</p>