

## Efrem Teklemariam, P.Eng., FEC

Candidate nominated by Council

EDUCATION:	M. Sc Water Resources Engineering, University of Manitoba, 1999 M. Eng. Hydraulic Engineering, Delft Technical University, the Netherlands, 1988 B. Sc Hydraulic Engineering, Addis Ababa University, Ethiopia, 1983
ASSOCIATION ACTIVITIES:	Professional Engineer, Engineers Geoscientists Manitoba, registered 1996 Manitoba 2030 Coalition, 2019 to present Engineers Geoscientists Manitoba Councillor, 2018 to present Finance Committee, 2018 to present Centennial Task Group, 2016-2019 Engineers Canada Accreditation Committee, 2012-2015 Nominating Committee, 2009 Academic Review Committee, 2003-2014
OTHER ENGINEERING/ GEOSCIENCE ACTIVITIES:	Panel Member on Climate Change & Hydrology of The Natural Sciences and Engineering Research Council of Canada Founding member of International Educated Engineering's Qualification Program (IEEQ)
EMPLOYERS SINCE GRADUATION:	Manitoba Hydro: <ul style="list-style-type: none"><li>• Water Resources Engineering, Manager, 2009 to present</li><li>• Hydroinformatic Engineering, Section Head, 2003-2009</li><li>• Hydrotechnical Studies, Senior Engineer, 1990 - 2003</li></ul>

### 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 ensuring that our profession can 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 current 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. Throughout my career I have been dedicated to the development of junior engineers, women in engineering, Engineering Access Program (ENGAP), and international equivalent engineers through the numerous mentorship programs I participate on. I am a founding member of the International Educated Engineering’s Qualification program and am dedicated to inspiring my staff to attain a higher level of productivity, technical excellence, and innovation. I have created an atmosphere that focuses on diversity, teamwork, cooperation, and motivation.