

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.