

March 19, 2024

2024 APEGA Council Election Biographies

2024 Executive

President-elect

Terri Steeves, P.Eng. (one-year term)

Terri Steeves, a professional engineer, graduated from the University of Calgary in 1990 with a bachelor of science degree in engineering. She later earned a general management certificate from the University of Calgary in 1995 and recently completed the Director Education Program with the Rotman School of Management and the Institute of Corporate Directors.

Steeves has more than 30 years of experience at TC Energy, where she has held a variety of progressively senior roles within the natural gas pipelines and energy business units, including vice-president, projects; director, Rocky Mountain region; manager, project risk and management services; and manager of projects. She also held positions in field operations, design engineering, system design and customer service.

An active volunteer in the engineering community, she has been a mentor and coach for young professionals through many organizations, including APEGA, the University of Calgary, the Construction Owners Association of Alberta, the United Way and TC Energy. She has volunteered extensively with APEGA, where she has mentored engineering students and presented on science in local schools.

In addition to her mentorship roles, Steeves served on APEGA Council from 2012 to 2015.

YouTube: Click [here](#) to see Terri Steeves' video for the 2024 APEGA council election.

Vice-president

Margaret Allan, P.Eng., P.Geo. (one-year term)

Margaret Allan, a professional engineer and professional geoscientist, graduated from the University of Toronto with a bachelor of science in geo-engineering in 1985 and completed her master's degree in civil engineering at the University of Calgary in 1995.

She worked at O'Connor Associates Environmental in Calgary from 1987 to 1994 as a project manager for environmental audits and site assessments. Allan started working as a principal engineer at Matrix Solutions in Calgary in 1997, where she led the remediation, reclamation and risk management of contaminated sites. She moved to Edmonton in 2008, where she continues to work with Matrix as the engineering practice lead and office manager.

Allan has professional designations in Alberta, Saskatchewan, Northwest Territories and Nunavut, and she is certified as a compliance environmental auditor with Environmental Careers Organization Canada.

As a volunteer, Allan served as a member of APEGA's Investigative Committee. She has also moderated APEGA's ethics workshop for graduating students, presenting on APEGA's role and purpose in university classrooms.

YouTube: Click [here](#) to see Margaret Allan's video for the 2024 APEGA council election.

Councillors (three-year terms)

Claudia Gomez-Villeneuve, P.Eng.

(re-elected)

Claudia Gomez-Villeneuve, a professional engineer, has been an APEGA member since 2006. She graduated from the University of Alberta with a bachelor of civil engineering degree in 2000 and added a master's of civil engineering construction in 2001.

Gomez-Villeneuve has more than 15 years of industry experience in project management, pipeline engineering, construction and team supervision. She's been a university instructor since 2016 and teaches at MacEwan University, the University of Alberta, the University of Calgary, NAIT and Toronto Metropolitan University.

A passionate champion for diversity and inclusion in the engineering profession, she founded the Women in Engineering Summit (WES) and chaired it in 2018 and 2019. APEGA recognized her work by awarding her and the WES Steering Committee the 2019 Women in Engineering and Geoscience Champion Summit Award.

Gomez-Villeneuve has been an APEGA councillor since 2017. This is her third re-election.

YouTube: Click [here](#) to see Claudia Gomez-Villeneuve's video for the 2024 APEGA council election.

Seema Makwana, P.Eng.

(re-elected)

Seema Makwana, a professional engineer, has been an APEGA member since 2008. She graduated from the University of Ottawa with a bachelor of science degree in biochemistry in 2001 and added a bachelor of applied science in chemical engineering in 2002.

She has more than 20 years of international and domestic experience in the pipeline and water treatment sectors and in environmental engineering consulting. Makwana leads a team at TC Energy and mentors engineers-in-training. During her downtime, she volunteers and contributes her knowledge and diverse experience to a variety of charitable organizations and initiatives. She served as board secretary at the Alberta Safety Council until March 2024 and currently serves as a board member for the Canadian Centre for Women in Science, Engineering, Trades, and Technology (WinSETT Centre).

Makwana volunteered as a member of the APEGA Board of Examiners as an experience examiner from 2018 to early 2021. This is her second time serving on APEGA council.

YouTube: Click [here](#) to see Seema Makwana's video for the 2024 APEGA council election.

Doak Horne, P.Eng.
(newly elected)

Doak Horne, a professional engineer, obtained his bachelor of science degree in mechanical engineering from the University of Alberta in 1979. He also completed his bachelor of law degree at McGill University in 1990. He has been a member of APEGA since 1982.

Horne has more than 30 years of experience as counsel in the protection and enforcement of legal rights in cutting-edge technologies, including representing professionals in discipline proceedings before their respective professional regulatory bodies.

With a strong background in legal representation, he has successfully advocated for manufacturing and engineering companies in technology-related disputes across federal and Alberta courts. As a senior partner at Gowling WLG (Canada) LLP's Calgary office since 1992, Horne specializes in protecting legal rights pertaining to Alberta-centric technologies, including oilsands recovery, downhole tools, seismic methods and software patents.

YouTube: Click [here](#) to see Doak Horne's video for the 2024 APEGA council election.

Peter Timmins, P.Eng.
(newly elected)

Peter Timmins, a retired professional engineer, holds a master's of science from the University of Bradford, a postgraduate certificate in education from the University of Sheffield and an A.Met. in metallurgy and materials science from the University of Surrey.

With more than 30 years of experience in the energy industry, Timmins has made significant contributions to upstream and downstream oil and gas projects worldwide. Specializing in materials engineering design and development, he has led numerous international initiatives, leveraging his expertise in the field.

Timmins has been an APEGA member since 1993. He has also volunteered on multiple APEGA committees, serving as a subject matter expert (SME) and experience examiner on the Board of Examiners since 2019 and on the ASET-APEGA Joint Board of Examiners as a SME and member since 2021.

YouTube: Click [here](#) to see Peter Timmins' video for the 2024 APEGA council election.

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