

2021 Honorary Life Member

Dr. Hilmi Turanli, P.Eng.(SM), FEC



Dr. Hilmi M. Turanli received his BSc and MSc degrees in Electrical Engineering from the Middle East Technical University, Ankara, Turkey in 1976 and 1980, respectively. He was granted his PhD from the University of Manitoba in 1984 while completing a special research project on the application of forced commutation for high voltage direct current (HVDC) power transmission for Manitoba Hydro. Later, he taught at the University of New Orleans and consulted for Louisiana Power and Light Company.

Hilmi began working for Manitoba Hydro in 1986 and was involved in the planning of major transmission projects throughout his career. These projects included a number of generation connections, Bipole III, and many interconnection projects to neighboring provinces and the

United States. He retired as the senior interconnections planning engineer in the System Planning Department in 2018. His research interests include the digital simulation of power electronic circuits and HVDC transmission. Hilmi has presented and co-authored several conference papers and refereed journal publications, primarily on electrical transmission throughout his career.

Hilmi was invaluable in organizing international conferences such as the Canadian Conference on Electrical Computer Engineering (CCECE 2002), CIGRÉ Canada Conference on Power Systems in 2008, and the Electrical Power and Energy Conference (EPEC 2011), all held in Winnipeg.

Dr. Turanli is a Senior Member of Institute of Electrical and Electronics Engineers (IEEE) and has been actively involved with the organization by volunteering in many executive positions and serving on numerous boards, societies, and committees since joining in 1981. He is currently the associate editor of the Canadian Journal of Electrical and Computer Engineering and was designated as a Fellow of the Engineering Institute of Canada and Fellow of Engineers Canada in 2001 and 2010 respectively.

Hilmi has served as an adjunct professor in the Department of Electrical & Computer Engineering at the University of Manitoba, advising undergraduate and graduate students on their research projects and final thesis examinations. He was also involved as a member of the Electrical Engineering Technology Advisory Board at Red River College, providing industry input on their Electrical Engineering Technology Department.

Dr. Turanli has served on numerous Association committees, including 19 years on the Professional Development (PD) Committee, three years as a committee chair, eight years on the Nominating Committee, eight years on the Academic Review Committee, nine years on the Awards Committee (still active), as well as other contributions such as organizing various Association PD conferences and engineering/geoscience management seminars.

Outside his career, Dr. Turanli was actively involved in the parent councils of his children's schools, the Winnipeg Children's and Folk Festivals, Jimmy & Rosalynn Carter work projects for Habitat for Humanity in 1993 and 2017, and the Manitoba Marathon. He keeps active in his retirement with cross

country skiing and woodworking in the wintertime, with canoeing, kayaking, cycling, and gardening in the summer. He enjoys traveling and spending time with his two grandsons.

In recognition of his meritorious service to the profession and the Association, Engineers Geoscientists Manitoba is pleased to bestow Honorary Life Membership to Hilmi Turanli.