



The Engineering Institute of Canada 2018 Award Citation – EIC Fellow



Richard Brachman

Nominated by the Canadian Geotechnical Society

Dr. Richard Brachman is recognized for his international leadership in the science and practice of buried polymer structures such as geosynthetic liners under landfills, sewer and stormwater pipes, highway culverts, and stormwater detention structures. He has produced an extraordinary series of award winning research papers over the past fifteen years – papers of remarkable quality and influence. His work includes seminal contributions to explain the factors controlling the long-term performance of geomembranes and geosynthetic clay liners, and relating, for the first time, service life to the soil, thermal, chemical, and loading environments in which they are placed, work influencing landfill engineering internationally.

Richard has greatly enhanced the quality authenticity and influence of experimental work in his fields of study, facilitating his own research and influencing many others through development of the best laboratory facilities in the world for investigating the behaviour of buried structures.

Richard is also recognized for excellent contributions to leadership of the geosynthetics and geotechnical engineering communities, through roles as Chair/President and Vice-President of the North American Chapter of the International Geosynthetics Society (formerly the North American Geosynthetics Society), and various leadership positions in the CGS and Journal Editorial Boards.

Ladies & gentlemen, and Mr. President, please welcome Richard Brachman as a Fellow of the Engineering Institute of Canada.