



The Engineering Institute of Canada 2018 Award Citation – EIC Fellow



Bill Chin

Nominated by the Canadian Dam Association

Bill Chin demonstrates excellence as a practicing geotechnical engineering, mentor, technical author, and active participant in professional associations. He inspires colleagues to produce great work and look for opportunities to give back. He has worked across several sectors, including mining, oil sands, water resources, hydroelectric and pulp and paper. Whether working in arid or tropical landscapes, he delves deeply into the fundamental engineering performance of soils and rock. His expertise and innovative approaches to dam engineering and tailings disposal are in high demand.

Bill has contributed extensively to the design and safe operation of tailings facilities in the Alberta oil sands. He successfully assesses foundation movements using advanced numerical modelling methods, including for water dams, with his work at the Alameda Dam being a well-known example.

Bill has been a key contributor to the development of the geotechnical sections of the CDA's Dam Safety Guidelines and has assisted Alberta Environment and Parks with updates to provincial dam safety guidelines. He contributed significantly to setting and improving geotechnical safety standards and has had a major impact on improving industry best practices.

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