



The Engineering Institute of Canada
2018 Award Citation
K.Y. Lo Medal
(recognizing exceptional engineering contributions internationally)



Del Fredlund

Nominated by the Canadian Geotechnical Society

Dr. Del Fredlund, a Fellow of the EIC, was the Terzaghi Lecturer in 2005 and received the Order of Canada in 2004. He has been a Professor as well as Chair of the Civil Engineering Department at the University of Saskatchewan over a career of 32 years where he actively collaborated with Universities in China, Japan, Vietnam, and the USA. He was later involved in the geotechnical consulting world with Golder Associates for 12 years.

His long career has spanned both the academic and consulting worlds of geotechnical engineering and has resulted in him championing the application of unsaturated soil mechanics around the world both in theoretical development as well as numerous practical applications.

Del's research and subsequent textbooks published with Prof. Harianto Rahardjo and his son, Murray Fredlund formed the theoretical basis for the current-day application of unsaturated soil mechanics. This theoretical basis has led to the increased application of unsaturated soil mechanics in research as well as the practical applications of geotechnical consulting. More specifically, the theory has seen implementation in computer codes to enable the application of unsaturated theory.

Ladies and gentlemen, and Mr. President, as a very worthy Recipient of the KY Lo Medal, please welcome Dr. Del Fredlund.