



The Engineering Institute of Canada

Fellow Citation - 2005

Dr. John Krahn – nominated by the Canadian Geotechnical Society

John Krahn graduated in civil engineering from the University of Saskatchewan with Bachelor and Masters degrees. He was subsequently granted a PhD from the University of Alberta in Geotechnical Engineering. He is currently President and CEO of Geo-Slope International Ltd. In Calgary.

Dr. Krahn initially joined the University of Saskatchewan, where he taught undergraduate and graduate courses and concentrated his research on stability analysis of earth slopes, as well as the modeling of groundwater seepage.

Following his years at the University of Saskatchewan he joined a consulting engineering company (EBA) in Calgary where he was manager for a number of large projects, in particular the CP Rail Grade Reduction program through Rogers Ross, and offshore projects such as artificial islands and sub-sea caissons in the Beaufort Sea. Much of his work concentrated on numeral modeling to assess the performance and stability under ice loading of these truly heroic structures. It is this background that led Dr. Krahn in to his greatest success.

Dr. Krahn is now President of a company he founded to provide geotechnical and geoenvironmental software for the analysis of stress-deformation, groundwater seepage, slope stability and contaminant transport. His programs are noted for their commonality, which allows for transfer between the various applications; their attractive graphics and input-output details, and for the level of support offered by the supplier-Geo-Slope International. The programs are user-friendly and are almost exclusively the application of choice throughout most of the geotechnical profession in Canada. They are also widely used overseas. His company has been extremely generous in providing reduced price rates to many universities, and for particular programs, software packages are provided free to students. A highly admirable public service.

Dr. Krahn has given many short courses and workshops all over Canada, in Europe and in Asia. Honours for this exceptional engineer are not rare, and to add to a recent "Whitman Wright Award" he received from the CSCE the Engineering Institute of Canada would like to add Fellow of the Engineering Institute of Canada.

Ladies and gentlemen, and Madam President-Dr. John Krahn