

Resumé of CHACK FAN LEE

Chack Fan LEE received his Ph.D. from the University of Western Ontario in 1972, following a Bachelor degree (Civil Engineering, First Class Honours) and a Master degree from the University of Hong Kong respectively in 1968 and 1970. At Western, his doctoral research supervisor was Dr. K. Y. Lo, and the title of his doctoral thesis was “Analysis of Progressive Failure of Clay Slopes”.

He worked for Ontario Hydro for some 18 years, successively as engineer / senior engineer / supervising engineer / section head / department head in Hydro’s design and construction branch. He was involved in a variety of hydroelectric and nuclear power projects as well as special studies such as dam safety, seismic risk assessment, underground nuclear power plant siting and geologic disposal of nuclear waste.

He became involved with hydropower projects and water resources management in China from the 1980’s onward, serving as a specialist consultant to such projects as the Three Gorges, Ertan, Lijiaxia and Longtan. To attend to these projects, he returned to the University of Hong Kong in 1994, serving successively as Chair Professor of Geotechnical Engineering / Head of the Department of Civil Engineering / Pro-Vice-Chancellor and Vice-President / Director of the School of Professional and Continuing Education.

He has published over 280 papers in the geotechnical engineering field, largely on slope stability, dam safety, rock mechanics and tunnelling. He was elected a Fellow of the Engineering Institute of Canada (EIC) in 1998; Fellow of the Hong Kong Academy of Engineering Science in 2001; Fellow of the Canadian Academy of Engineering in 2002; and Academician of the Chinese Academy of Engineering in 2003. He was a recipient of the K. Y. Lo Medal of the EIC in 2001; the Silver Bauhinia Star (equivalent to OBE) of the Hong Kong Government in 2005; Gold Medal of the Hong Kong Institution of Engineers in 2008; Queen Elizabeth II’s Diamond Jubilee Medal in 2012; as well as honorary doctor of science degrees from the University of Western Ontario (2006), Plymouth University (2012) and Edinburgh Napier University (2012). He served as a Cross-Canada Lecturer of the Canadian Geotechnical Society in 2001; Lumb Lecturer in 2004; Fulbright Distinguished Scholar in 2004-5; Justice-of-the-Peace from 2003 to present; and Chinese Canadian Legend (2012).