



The Engineering Institute of Canada

Fellow Citation - 2003

Dr. Yoginder P. Vaid– *A Member of the Canadian Geotechnical Society*

Dr. Vaid graduated from Punjab University in India, completed a Diploma in Post Graduate Studies, then a Master of Applied Science and a PhD at the University of British Columbia. Following graduation he spent a brief period with the Ministry of Railways, and then several years as Assistant Professor at Punjab University. Dr. Vaid completed his studies at UBC, and then joined the university. He was granted tenure some 20 years ago and appointed a full Professor of Civil Engineering a short time later.

His career at UBC has been broad in all aspects including teaching, research author of more than 100 papers, and visiting lecturer on a worldwide basis. During this career Dr. Vaid has become a recognized world leader in the fundamental behaviour of soil under earthquake loading. In particular, he has developed procedures and equipment which test the monotonic and cyclic response of soil under earthquakes, leading up to liquefaction. His experimental determination of the factors has also helped to develop an understanding of the isotropic strength of liquefied soils, which has been an immense help to the engineering profession in Canada and elsewhere.

He has developed specialized testing equipment and instrumentation for measuring the behaviour of both undisturbed and reconstituted specimens. The equipment he has pioneered has resulted in commissions from private laboratories and universities throughout the world. A partial list includes Brazil, India, Mexico, Japan, Russia, Taiwan and the United States. During this process he has helped build the Geotechnical Research Laboratory of his university, UBC, to rank among the best in the world.

In conclusion Mr. President, may I present a recognized world leader in the fundamental behaviour of soil under earthquake loading.

And now, a Fellow of the Engineering Institute of Canada

Mr. President – Professor Yoginder P. Vaid