



Yingcai Han - nominated by the Canadian Society for Civil Engineering

Yingcai Han is a Technical Director and Senior Fellow at Fluor Canada in Vancouver. A gifted structural engineer and researcher in the field of soil dynamics and earthquake engineering, he proposed a boundary zone model with non-reflective interface to improve the plain strain model for soil-pile systems. With such a model, the non-linear properties of soil can be accounted for, and computer applications can be developed for design applications.

Yingcai has applied advanced theory to practice, and provided effective solutions to challenging technical problems in the fields of dynamic and seismic design. He has solved vibration issues related to soil-pile-structure interaction on numerous projects in the oil, gas and mining industries, and has been invited as a keynote speaker at many conferences and seminars in Canada and abroad.

We are honoured this evening to recognize Yingcai Han's many contributions to structural design in the energy industry in Canada.

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