



Peter Irwin - nominated by the Canadian Society for Civil Engineering

Peter Irwin's experience in wind engineering dates back 35 years and includes extensive research and consulting in wind loading, aeroelastic response, wind tunnel methods, and instrumentation. Peter joined the consulting firm RWDI (Rowan Williams Davies and Irwin) in 1980, served as its President from 1999 to 2008 and is currently Chairman of the Board. Peter has taken a discipline that was almost exclusively performed in research institutions, made it into a private commercial success, and guided his company, RWDI, to be one of the world's leading authorities on industrial wind engineering.

Peter has led wind engineering studies for a succession of buildings that have broken the record for the world's tallest buildings, including the Petronas Twin Towers in Kuala Lumpur, the Taipei 101 in Taiwan and the 700+ metre Burj Dubai in the United Arab Emirates. He has also directed wind tunnel studies to develop wind design criteria for many long-span bridges, including the Annacis Island (Alex Fraser) Bridge in Vancouver, the Tacoma Narrows and Golden Gate Bridges in the United States, and the Second Severn Bridge in the United Kingdom. Peter has participated actively on committees responsible for the National Building Code of Canada, and on the ASCE A7 Committee "Minimum Design Loads for Buildings and Other Structures" and their Commentaries.

Peter's achievements have been recognized by the ASCE that awarded him the Jack E. Cermak Medal, the UK Society of Wind Engineering that named him Scruton Lecturer, the UK Institution of Civil Engineers that awarded him the Coopers Hill Memorial Prize, and by the CSCE that awarded him the Gzowski Medal. He has received Awards of Excellence and Merit from the Canadian Consulting Engineers, and is a Fellow of the CSCE and the ASCE. Tonight, we have the opportunity to add to those honours with an EIC Fellowship.

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