



The Engineering Institute of Canada

Fellow Citation 2002

Dr. S. Ali Mirza - A Member of the Canadian Society for Civil Engineering

Dr. Mirza obtained his Bachelor's degree in civil engineering from the University of Karachi, an MSc and a PhD in structural engineering from the University of Texas at Austin. He is currently a professor in the Department of Civil Engineering at Lakehead University.

Professor Mirza began his work as a structural engineer in Karachi, and for the next few years mixed a developing career as a practicing engineer, with ongoing education and completion of his PhD. This is path familiar to many engineers, and requires the enthusiasm of youth and a combined dedication to ensuring bread for the table, often with the responsibilities of family.

Following post-doctoral work at the University of Alberta, he joined Lakehead University and was appointed to full Professor in a short time. Since then his output has been very extensive, with a fundamental research interest in structural safety and analysis for the behaviour of reinforced concrete and steel concrete structures. He holds two patents, has co-authored 4 design handbooks, and published more than 110 papers, with about half of these in refereed journals. In recent years his research has been concentrated on the stability and second-order effects in columns and frames.

I would imagine that following the disaster in New York, Professor Mirza's work and knowledge will be a great benefit to our profession. Professor Mirza has served the structural engineering profession with dedication, through technical and professional committee work for the CSCE and ASCE, the American Concrete Institute, as well as other Federal institutions. He acts as a key reviewer for both Canadian and U.S. professional bodies such as NSERC and the US National Science Foundation.

Professor Mirza has received numerous honours and awards both from Canada and internationally. Tonight we welcome him as a Fellow of the Engineering Institute of Canada.

Mr. President,- Professor S. Ali Mirza