Ahsan Kareem, the **Robert M. Moran Professor of Engineering**, Department of Civil Engineering and Geological Sciences at the University of Notre Dame, prior to joining Notre Dame in 1990 served as Professor and Director of the Structural Aerodynamics and Ocean Systems Modeling Laboratory at the University of Houston. Ahsan received his bachelor's degree with distinction from Pakistan University of Science and Technology, followed by a Master's degree from the University of Hawaii through a joint program at MIT under the Fulbright Program and his doctorate from Colorado State University. His research interests cover a wide spectrum of topics in Civil Engineering, with his primary work focusing in probabilistic structural dynamics with applications to wind, waves and earthquake loadings and the attendant structural safety. Through the use of computer models coupled with laboratory and full-scale experiments, he can better understand the impact of natural hazards on the built environment and develop mitigative strategies to enhance the performance and safety of structures.
His work has made significant contributions to the existing literature, with 165 technical articles in refereed journals. His research efforts have been further distinguished by numerous honors, including among of the initial recipients of the **Presidential Young Investigator Award** from the White House Office of Science and Technology in 1984. Most recently, Ahsan received the 1999 **Munro Prize** for the best paper award from the international journal, *Engineering Structures,* initial recipient of the *2002 ASCE's* **J. E. Cermak Medal** for outstanding contribution to wind engineering, *2005 ASCE's* **Robert H. Scanlan Medal** for outstanding original contributions to analysis, quantification, modeling and simulation of wind-load effects for structural design, achieved by merging the fundamentals of structural mechanics and fluid dynamics and among the initial recipients of the *2007* **Alan G. Davenport Medal** of the International Association of Wind Engineering for fundamental contributions to quantification, modeling, simulation and analysis of wind load effects for structural design. In 1997 he received the **Engineering Award** from the National Hurricane Conference for his contributions to the development of safer, more hurricane-resistant construction, while being named in *1998* as **Distinguished Alumnus** of Colorado State University for his overall services to the field of Engineering.

In addition to his research interests, Ahsan is active in a number of organizations and several editorial boards and past **Editor-in-Chief** for an international journal, ***Wind and Structures***. He is past associate editor for the ***Journal of Engineering Mechanics***, past associate editor of the ***Journal of Structural Engineering***, guest editor of the ***Journal of Wind Engineering and Industrial Aerodynamics and Structural Safety*** and currently serves on the editorial board of five international journals by Elsevier. He is a former **President** of the American Association for Wind Engineering and currently serves as **Regional Secretary** for North and South America, International Association for Wind Engineering, past **Chair** of the Engineering Mechanics Division of ASCE and currently, **Chair** of its Advisory Board has served on several panels and the Committees of **National Research Council, National Academies of Sciences and Engineering**. He has also served as senior consultant to several major oil, insurance, and consulting engineering companies, as well as the **United Nations**.