

National Advisory Committee on Windstorm Impact Reduction (NACWIR) Member



**Timothy A. Reinhold, Ph.D., P.E., NACWIR Chair
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Tim Reinhold joined the Insurance Institute for Business & Home Safety (IBHS) in 2004 as Director of Engineering and Vice President after twelve years with Clemson University where he rose to the rank of Professor of Civil Engineering. He was promoted to Senior Vice President of Research and Chief Engineer for IBHS in 2008. His professional career includes ten years as a consulting engineer with firms in the US, Canada and Denmark and five years at the National Institute for Standards and Technology. He earned BS, MS and Ph.D. degrees in Engineering Mechanics from Virginia Tech in 1973, 1975 and 1978, respectively.

Dr. Reinhold has conducted research on wind effects and structural resistance for most of his professional career. This includes wind engineering studies for high-rise buildings, long-span bridges and specialty structures located throughout the United States as well as some projects in Europe and South America. At Clemson University and at IBHS, he has been heavily involved in research relating to the performance of housing and low buildings in hurricanes and other severe wind events. His research includes post event assessments, model and full-scale laboratory studies, and in situ field structural testing.

At IBHS he led the development of their FORTIFIED Home and FORTIFIED Commercial programs that are gaining traction for mitigating wind vulnerabilities for both existing and new construction. He led the technical development of the \$40 million IBHS Research Center in Chester County, SC. He manages the engineering functions at the IBHS Research Center and at its headquarters in Tampa, FL.

Tim Reinhold serves on the American Society of Civil Engineers ASCE 7 Committee and the ASCE 7 Wind Loads subcommittee, served for about eight years on the Southern Building Code Congress International (SBCCI) Wind Load subcommittee and is a past member of the Board of Directors for the American Association for Wind Engineering. Tim has authored or co-authored numerous journal papers, chapters of books and conference publications.