Biographical Sketch: Forrest J. Masters

Forrest Masters, Ph.D., P.E. is a Professor of Civil and Coastal Engineering in the Engineering School of Sustainable Infrastructure & Environment at the University of Florida. His research interests primarily focus on the hurricane boundary layer and its effect on the built environment. He is one of several 'full-scale' academic researchers in the international wind engineering community, having conducted experiments in (1) extreme wind events to study wind, wind-driven rain and structural loading and (2) the laboratory, where full-scale building systems are subjected to realistic simulations of fluctuating wind load and rain conditions to evaluate their performance.

Dr. Masters has received support from 50 grants from state, federal and private sources, including the NSF Faculty Early Career Development (CAREER) and Major Research Instrumentation Program (MRI) Programs. He also leads one of seven Natural Hazards Engineering Research Infrastructure (NHERI) experimental facilities for the NSF to study the damaging effects of extreme wind events on civil infrastructure. Dr. Masters has published more than 100 papers in peer-reviewed journals and conference proceedings and given more than 100 invited presentations. He serves as the Specialty Chief Editor for Wind Engineering and Science for the journal *Frontiers in Built Environment* and reviews for a broad range of other journals. Dr. Masters also serves on the Board of the Federal Alliance for Safe Homes and recently served on the NIST National Advisory Committee on Windstorm Impact Reduction and as the Chair of the NSF NHERI Council. In 2014, he was awarded the junior International Association of Wind Engineering award, which is the highest award in his field that recognizes significant and original contributions to research by an individual under the age of 40. He was also honored with the Outstanding Achievement Award in Mitigation at the National Hurricane Conference.

In 2015, Dr. Masters began serving as Associate Dean for Research and Facilities in the Herbert Wertheim College of Engineering. In that role, he serves on the Executive Committee for one of the largest engineering colleges in the AAU (15 degree programs, ~800 faculty/staff, ~11,000 students, $113M in annual research awards), leading efforts to foster a vibrant research culture that values advancement, strategic collaboration, and faculty wellbeing. He is currently overseeing a 20+ member team covering a broad range of services that range from export control to large proposal development.