



## The Wind Engineers: Building a Hurricane-Safe House

By Jeff Klinkenberg

Gatorbytes, United States, 2015. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book. The University of Florida has an ambitious goal: to harness the power of its faculty, staff, students, and alumni to solve some of society's most pressing problems and to become a resource for the state of Florida, the nation, and the world. Hurricanes and tornadoes and the devastation they leave in their wake are feared across the globe, but at the University of Florida these natural phenomena are a fascinating research opportunity. At UF's Engineering School of Sustainable Infrastructure and Environment, wind engineers like Forrest Masters and David Prevatt study storm systems and design buildings to better withstand the forces of nature. Follow their stories as they venture inside Hurricane Wilma with wind gauges, travel to Joplin, Missouri to assess the wind-damage from the most powerful tornado in more than a half century, and conduct experiments with the lab's infamous Multi-Axis Wind Load Simulator, ominously nicknamed The Judge. Yet the job of the UF wind engineers does not end there. They take their findings to the drafting table, build roofs and walls, and test shingles, shutters, and garage doors....



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