

Performance of Expensive Homes Exposed to Hurricane Charley

Dr. Rajan Sen was the principal investigator of a study funded by an exploratory grant from the National Science Foundation to evaluate the performance of roofs in Punta Gorda Isles directly in the path of Hurricane Charley shortly after it made landfall in August 2004. The homes examined were the larger, newer, roof-tiled homes having irregular floor plans and complex roof configurations not explicitly addressed by prevailing wind load codes. Damage was quantified using images from aerial photographs taken at an elevation of about 2500 ft.

