

## Jack Beven, Ph.D. Senior Hurricane Specialist National Hurricane Center

Jack Beven, Ph.D., is a senior hurricane specialist at NOAA's National Hurricane Center in Miami.

Dr. Beven received his Bachelor's Degree in Physics from Louisiana State University (1984), and his Master's Degree and Doctorate in Meteorology from Florida State University (1988, 1994).

Dr. Beven began his career with the National Hurricane Center in 1988 as a student intern. He participated in the Tropical Cyclone Motion-90 experiment in 1990, studying typhoons in the western Pacific Ocean, and took part in the TRACE-A atmospheric chemistry experiment in 1992. He advanced to a full-time position at NHC in 1993 as a map analyst, and was promoted to a marine and aviation forecaster in 1994.

Dr. Beven became a hurricane specialist in 1999. The position involves the issuance of track, intensity, and wind radii forecasts as well as associated watches and warnings for tropical cyclones in the Atlantic and eastern North Pacific oceans.

Dr. Beven has been the lead author on hurricane season summary articles published in the Monthly Weather Review, Weatherwise, and the Mariners Weather Log, and is an NHC trainer of the Dvorak technique for estimating the intensity of tropical cyclones from satellite imagery. He



is an instructor at the Tropical Prediction Center workshops for U.S. emergency managers and worldwide meteorologists. In addition, he is a member of the supervisory committee for the hurricane tracks re-analysis project.

Dr. Beven received the first ever State of Florida Emergency Management Preparedness Program of the Year Award in 2009. The award recognizes a preparedness program that has developed a structure in preparing for disasters.

Dr. Beven is a presenter and participant in a number of meteorological meetings, including several American Meteorological Society Conferences on Hurricanes and Tropical Meteorology, NOAA Hurricane Conferences, and Interdepartmental Hurricane Conferences, as well as various meetings, including the National Hurricane Conference and the Florida Governor's Conference.

