

Richard Pasch, Ph.D.

Senior Hurricane Specialist National Hurricane Center

Richard Pasch, Ph.D., is a senior hurricane specialist at NOAA's National Hurricane Center in Miami, Florida.

Dr. Pasch received his Bachelor of Science, Master of Science and Doctorate in Meteorology from the Florida State University (1973, 1975, 1983).

Dr. Pasch was a Research Associate at the Department of Meteorology of Florida State University in 1983, and was a Visiting Professor of Meteorology there from 1983 to 1984. He became an Assistant Professor at the University of Miami Rosenstiel School of Marine and Atmospheric Science, Division of Meteorology and Physical Oceanography in 1984. He joined the National Hurricane Center in 1989, becoming a hurricane specialist the following year. 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. Pasch has authored or co-authored numerous papers in refereed journals or monographs, and more than 30 technical reports. He has presented scientific papers at several technical conferences and/or symposiums. He has reviewed papers for various scientific journals, including the Bulletin of the American Meteorological Society, the Journal of the Atmospheric Sciences, the Monthly Weather Review, and Weather and Forecasting, and reviewed a number of research proposals for the National Science Foundation, the National Oceanic and Atmospheric Administration, and the National Aeronautics and Space Administration.



Dr. Pasch was a visiting scientist at the European Centre for Medium Range Weather Forecasts (ECMWF) in Reading, United Kingdom and the Laboratory for Dynamic Meteorology in Palaiseau, France. He has given many hurricane preparedness talks to organizations around the country. He has given numerous interviews concerning hurricanes with the local and national media. He has taught graduate and undergraduate courses in meteorology at Florida State University and the University of Miami. He is the coordinator of the World Meteorological Organization RA-IV Workshop on Hurricane Forecasting and Warning and Public Weather Services at the National Hurricane Center. He is a co-recipient of two Department of Commerce Gold Medal Awards - one for forecasting Hurricane Andrew and the other for his work with the Hurricane Weather Research and Forecasting Model. He also shares a Department of Commerce Bronze Medal Award for issuing Atlantic seasonal hurricane outlooks. He has received two National Weather Service's Isaac Cline Awards at the local level for developing and coordinating an annual training workshop for international meteorologists.

