

BRIEF CURRICULUM VITAE ACTIVITIES:

Dr. GREG HOLLAND

Director

Mesoscale and Microscale Meteorology Division

Earth Sun Systems Laboratory

National Center for Atmospheric Research

Boulder, Colorado

Phone: 303-497-8949

Email: gholland@ucar.edu

1. QUALIFICATIONS

- * B.Sc. Honours Class I in Mathematics and Major in Physics from the University of New South Wales (1972).
- * Diploma of Meteorology from the Central Training School, Bureau of Meteorology (1972).
- * MS in Atmospheric Science from Colorado State University (1981).
- * PhD in Atmospheric Science from Colorado State University (1983).

2. PROFESSIONAL AFFILIATIONS

- Fellow of the American Meteorological Society.
- Fellow of the Australian Meteorological and Oceanographic Society.
- Member of the American Geophysical Union.

3. CAREER SUMMARY

Dr. Holland has had a long career in tropical meteorology including forecasting, teaching, research and community service. At the Australian Bureau of Meteorology Research Centre he rose to the position of Senior Principle Research Scientist and founded and led the Mesoscale Meteorology Research Group, which has been very active in research, major field programs and support for forecast operations. He was Chair the Working Group on Tropical Meteorology for the WMO Commission for Atmospheric Sciences for 12 years. He has led the development and commercialisation of the Aerosonde UAV, which is a world leader the field (www.aerosonde.com). He was CEO and Managing Director of Aerosonde Pty Ltd from 1999-2003 and Chairman and President of Aerosonde North America Inc, from 1999-2006.

Dr. Holland is currently Director of the Mesoscale and Microscale Meteorology (MMM) Division at the National Center for Atmospheric Research in Boulder (www.mmm.ucar.edu/index.php). He has been recently active in debate on climate change and tropical cyclones and is a Co-PI of the Hurricane Intensity Forecasting and Impacts Projection Program (HiFi). He was recently honored as a Distinguished Alumnus of the year by Colorado State University.

Dr. Holland's publications have included major contributions to six textbooks and forecast manuals, together with over 100 research papers in atmospheric sciences and UAVs. His current scientific research is focussed on hurricane landfall, intensification and climate related work.