



Conference on European Tornadoes and Severe Storms

Keynote Lecturer

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ABSTRACT

An examination is made of the underlying global infrastructure that supports the capability of Meteorological Services to provide warnings, forecasts and related information on local severe weather. A description is given of the present global capability in terms of observations, telecommunications, analyses and research. Suggested changes and additions are made in order to improve both national and international services particularly in support of Natural Disaster Reduction. The role of the World Weather Watch is described in terms of its support to all countries. In addition the concept of the World Weather Research Program is discussed in terms of its focus in support of severe weather warnings.

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EDUCATION

PENNSYLVANIA STATE UNIVERSITY BS METEOROLOGY 1963
TEXAS A&M UNIVERSITY MS OCEANOGRAPHY 1966

EXPERIENCE

1994-Present Director World Weather Watch, WMO
1990-1994 Deputy Director; United States National Weather Service
1986-1990 Regional Director Southern Region; US National Weather Service
1982-1986 Chief of Marine, Satellite, Agriculture, and Forest Weather Programs; US National Weather Service
1978-1982 Chief of Program Evaluation and Planning; US National Oceanic and Atmospheric Administration
1976-1978 Senior Ocean Scientist; US Planning Office Global Weather Experiment
1974-1976 Assistant Secretary, Intergovernmental Oceanographic Commission and WMO Science Officer at UNESCO Paris
1972-1974 Program Manager for Ocean Services; US National Oceanic and Atmospheric Administration
1968-1972 Project Manager, Environmental Systems; the Mitre Corporation
1963-1968 Staff Scientist and Forecaster; the US Naval Oceanographic Office

Collateral Positions

1982-1994 Chief US delegate to the WMO Commission on Marine Meteorology
1990-1994 Chief US delegate to the WMO Commission on Basic Systems (of the World Weather Watch)
1988-1989 Chairman of the Dallas-Fort Worth Federal Executive Board

Fellow American Meteorological Society

Author of over 50 Scientific Publications, Articles, and Reports