



The Case for International Sharing of Scientific Data: A Focus on Developing Countries

An International Symposium

Jack Hayes

John L. "Jack" Hayes is the National Oceanic and Atmospheric Administration (NOAA) Assistant Administrator for Weather Services and National Weather Service (NWS) Director. In this role, Dr. Hayes is responsible for an integrated weather services program, supporting the delivery of a variety of weather, water, and climate services to government, industry, and the general public, including the preparation and delivery of weather warnings and predictions, and the exchange of data products and forecasts with international organizations.

Dr. Hayes returned to the NWS in 2007 after serving as the director of the World Weather Watch Department at the World Meteorological Organization (WMO), a specialized agency of the United Nations located in Geneva, Switzerland. In that position, he was responsible for global weather observing, weather data exchange telecommunications, and weather data processing and forecasting systems.

Before joining the WMO, Dr. Hayes served in several senior executive positions at NOAA. As the Deputy Assistant Administrator for NOAA Research, he was responsible for the management of research programs. As Deputy Assistant Administrator of the National Ocean Service (NOS), he was the chief operating officer dealing with a multitude of ocean and coastal challenges, including the NOS response to the Hurricane Katrina disaster in August 2005. As Director of the Office of Science and Technology for the NWS, Dr. Hayes had oversight of the infusion of new science and technology essential to weather service operations.

Dr. Hayes was also an executive in the private sector and the military. He was general manager of the Automated Weather Interactive Processing System (AWIPS) program at Litton-PRC from 1998 through 2000. AWIPS is the backbone computer and telecommunications system used by weather service forecasters at over 150 locations across the U.S. From 1970 through 1998, Dr. Hayes spent a career in the United States Air Force. He held a variety of positions, culminating his career as the Commander of the Air Force Weather Agency in the rank of Colonel.

Dr. Hayes received both his Ph.D. and Master of Science degrees in meteorology from the Naval Post Graduate School in Monterey, California. A Fellow in the American Meteorological Society, he also graduated from Bowling Green State University, with a bachelor's degree in mathematics.