

Raymond A. McCord



**Scientist and Science Team Lead, Atmospheric Radiation
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Raymond A. McCord has been in the Environmental Sciences Division at ORNL for 24 years and is currently the science team lead for the Atmospheric Radiation Measurement (ARM) Archive. He has managed the development and operation of three major information systems supporting environmental assessment, research, and restoration. McCord was also responsible for establishing a geographic information system (GIS) within the Division. Currently, he is manager of the data archive for the ARM Program that supports climate change research. This archive contains 10 million files (~200 TB) pertaining to meteorology, solar radiation, and cloud formation. McCord received his PhD in Ecology from the University of Tennessee at Knoxville in 1980.

Before his tenure with ORNL, McCord held various titles with the Science Applications International Corporation (SAIC) in Oak Ridge from 1978 to 1986. Some of his work with SAIC included positions as an ecologist for DOE's Strategic Petroleum Reserve Program; as a statistical consultant for the Mississippi Sound Benthic Community Characterization project; and as a project manager and terrestrial ecologist evaluating the ecological impacts of Southwest Orange County Florida Wastewater Treatment Expansion.

McCord is a member of the Ecological Society of America, the Association of Southeastern Biologists, and Sigma Xi. He has authored or co-authored numerous articles in publications for the American Meteorological Society and the Bulletin of the Ecological Society of America and has contributed presentations to workshops and conferences on data archival and management, environmental studies and impacts, and GIS.

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