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Jerry Y. Pan is an environmental informatics staff member in the Distributed Active Archive Center at ORNL. He is a member of both the ARM (Atmospheric Radiation Measurement) program and the ORNL Distributed Active Archive Center (DAAC). The multi-laboratory, interagency ARM program is composed of several highly instrumented ground stations that study cloud formation processes and their influence on radiative transfer. The ORNL DAAC archives data produced by the National Aeronautic and Space Administration's Terrestrial Ecology Program. The DAAC provides data and information relevant to biogeochemical dynamics, ecological data, and environmental processes, critical for understanding the dynamics relating to the biological, geological, and chemical components of Earth's environment. Pan is the project manager for the NASA Earth Observing System project which functions to provide improved understanding of the Earth as an integrated system.

Prior to his tenure with ORNL, Pan was a senior software engineer for Internet Security System, Inc. in Atlanta, Georgia from 2000 to 2006. There, he contributed to both the Remote Scan Commander and Enterprise Dashboard Projects, designing and implementing Web-based remote scanning service software, as well as distributed, enterprise-level, security protection/detection software.

Pan received his MS in computer science in 2000 from Southern Polytechnic State University in Georgia and his PhD in Earth science from State University, Albany, New York in 1993. His research interests include distributed data systems, software architecture/system design, application programming, web programming, graphical user interface programming, and Earth science topics like solid Earth history, plate tectonics, geochemistry, and thermal chronology. He also enjoys web programming with HTML, XML, CSS, Java Script, and Java applets.

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