WMO/IOC/UNEP/ICSU	Doc. 5.2
GLOBAL CLIMATE OBSERVING SYSTEM (GCOS)	(27.II.09)
<b>1st GRUAN Implementation-Coordination Meeting (ICM-1)</b> Norman, Oklahoma, USA 2-4 March 2009	Item 5

#### **ARM Data Policy and Data Dissemination**

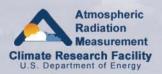
(Submitted by D. Sisterson and J. Voyles)

#### Summary and Purpose of Document

This document outlines the data policy and data management practices at ARM sites.

# Data Sharing and Distribution Policy

- Adopt U.S. Global Change Research Program policies (www.usgcrp.gov)
  - High quality, long-term data sets
  - Full and open sharing of data
  - Preservation of data
  - An Archive to serve the science community
  - Provide data quality information and metadata
  - Lowest possible costs to researchers





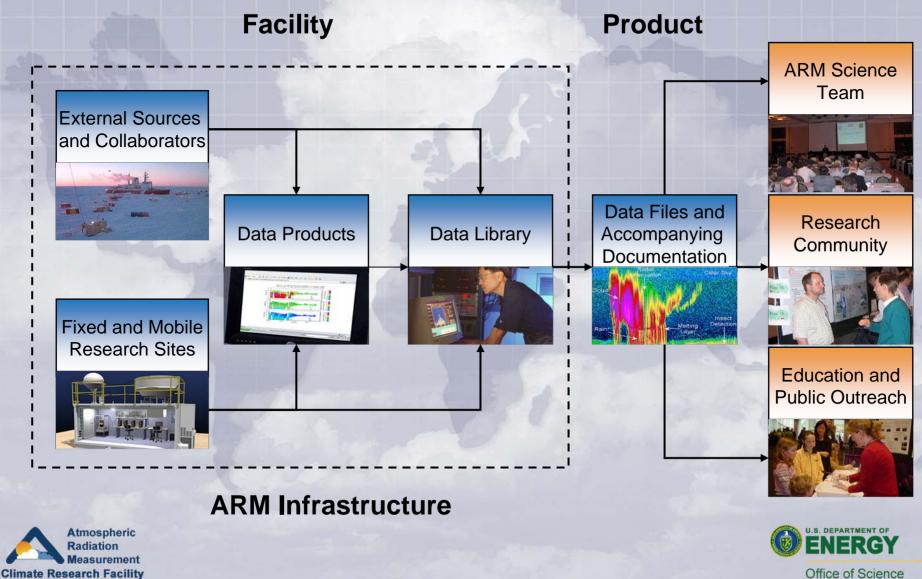
# Data Sharing and Distribution Policy

- ARM Climate Research Facility data sharing policy (www.arm.gov/data/documentation.stm)
  - Free and open sharing of data
  - Near-realtime delivery of processed data for scientific research
  - Timely delivery of quality assured data from the Archive
  - Timely sharing of field campaign and external data products
  - Acknowledgement of data use in publications



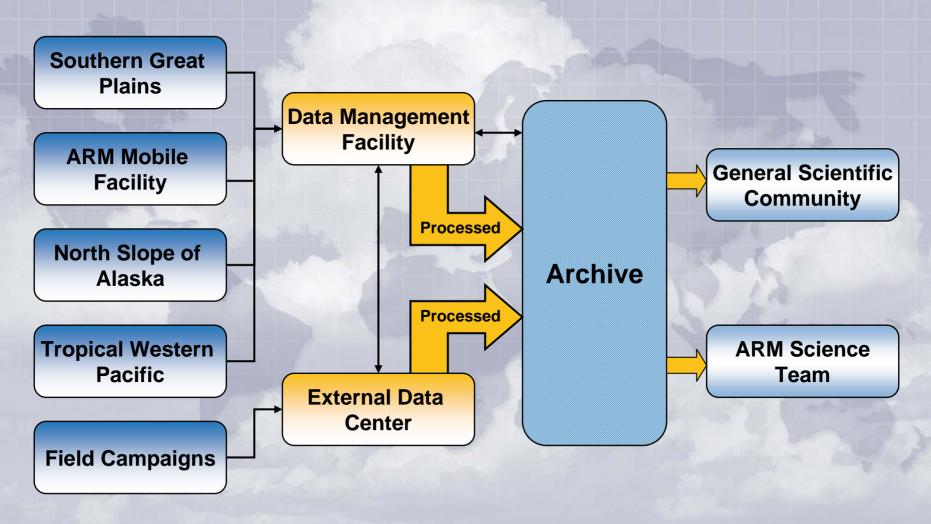


### **Facility and Product**



U.S. Department of Energy

### Basic Data Flow and Dissemination







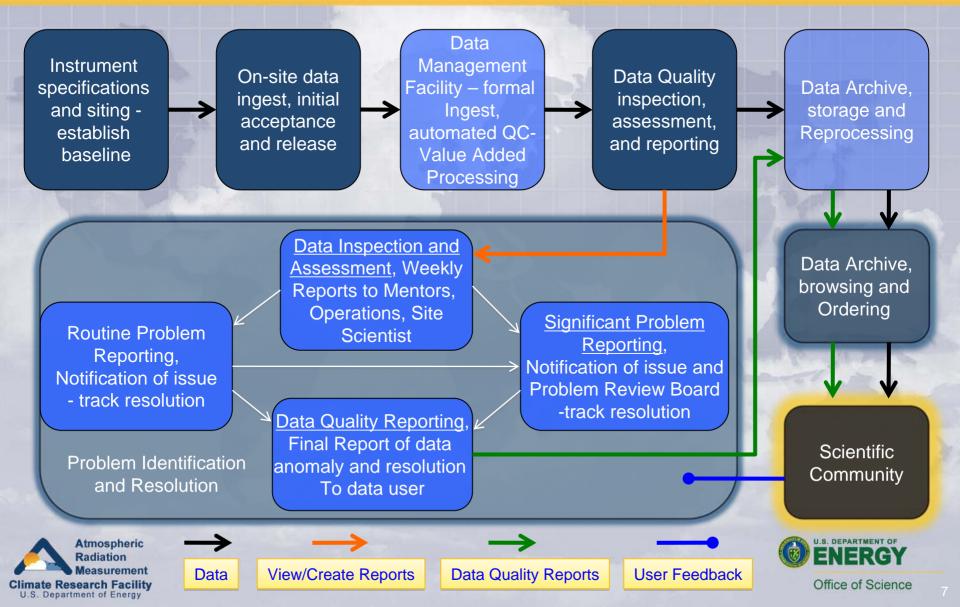
#### **Data Documentation**

Data Management and Documentation Plan (www.arm.gov/data/plan.stm) **Data Object Design** Product description and metadata Standard file name Standard file formats and data levels **Data Quality Reports** A data model that accommodates the future





#### Data Review and Documentation



### **Conclusion and Summary**

#### Please Reference

- Quality Assurance of ARM Program Climate Research Facility Data, R.A. Peppler, K.E. Kehoe and associates - March 2008, DOE/SC-ARM/TR-082
- ACRF Data Collection and Processing Infrastructure, Macduff, M.C. and R.C. Eagan - December 2004, DOE/SC-ARM/TR-046
  - (www.arm.gov/publications/techreports.stm)



010 (010 m)	
Supervised of Mill Program	
Research Failthy Tails	
A D D D D D D D D D D D D D D D D D D D	
Anno A - A Maranina Anno A - A Maranina Anno A - A - Anno An	NUM Pers Collection and Process Submittee land
4 depen	
a na changai, B. B. Bri A. Banani. Anna chanai. A th' banai. Strang, B. L. Banani. (B. Bana, B. C. Bana, J. B. Tana.	
1.1.1. Ball, Trans. R. L. Holde, J. B. Hales, R. C. Don, J. B. Tana Annual Annual Control of Control of Control of Control of Control of Control (1997) 1000000000000000000000000000000000000	
an a s anna	Art Ander Aufter Schwart Street Annual
state (1.1. Second Steel	Art Tape Appendix and Article
	And adjustering the Line Department of Long Training of Longert, States of Maring or Landson

112

