

# ARM Climate Research Facility - Data Distribution

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U.S. DEPARTMENT OF  
**ENERGY**

Office of Science

# Data Sharing and Distribution Policy

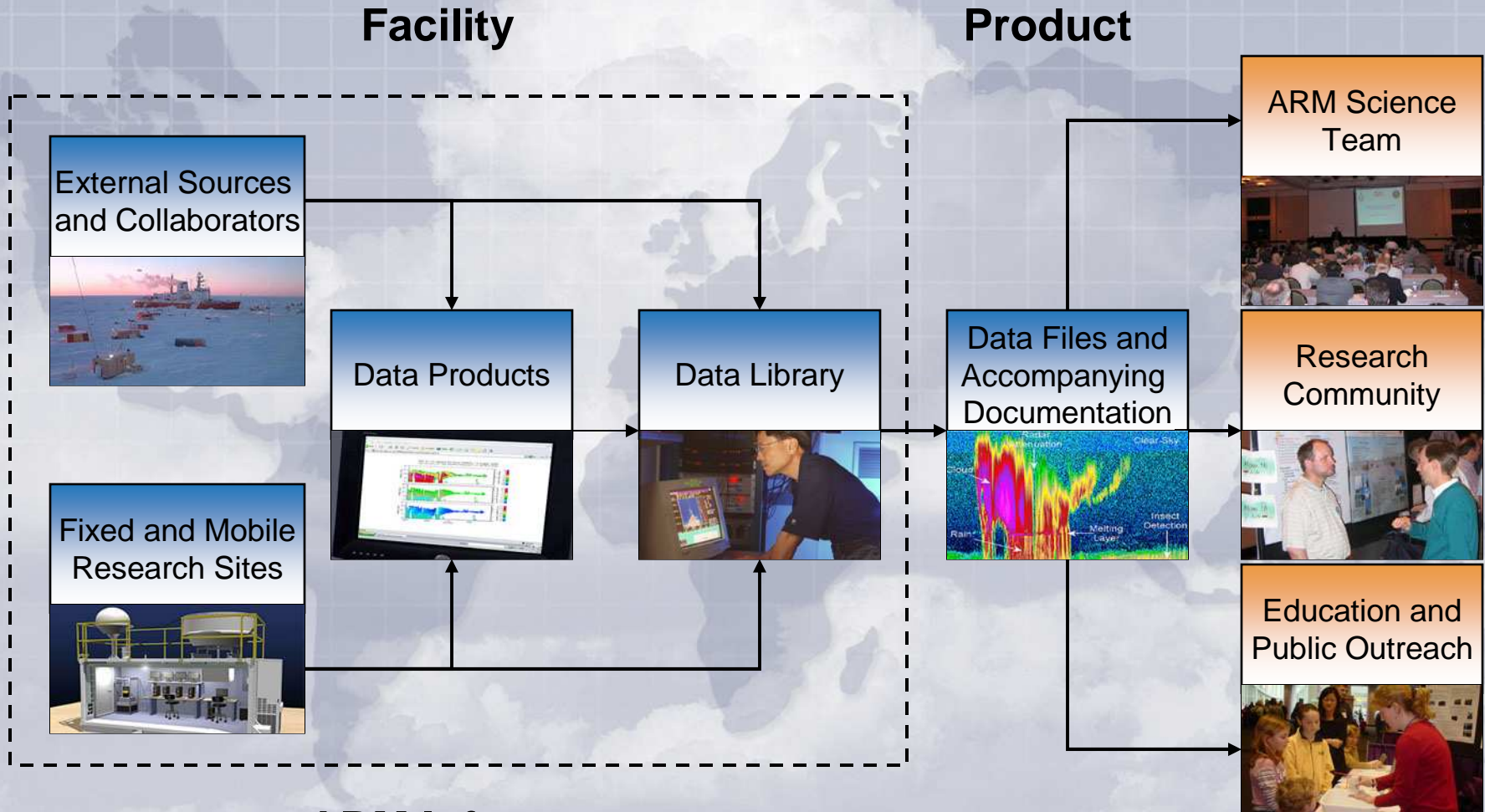
- Adopt U.S. Global Change Research Program policies ([www.usgcrp.gov](http://www.usgcrp.gov))
  - High quality, long-term data sets
  - Full and open sharing of data
  - Preservation of data
  - An Archive to serve the science community
  - Provide data quality information and metadata
  - Lowest possible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

# Data Sharing and Distribution Policy

- ARM Climate Research Facility – data sharing policy ([www.arm.gov/data/documentation.stm](http://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

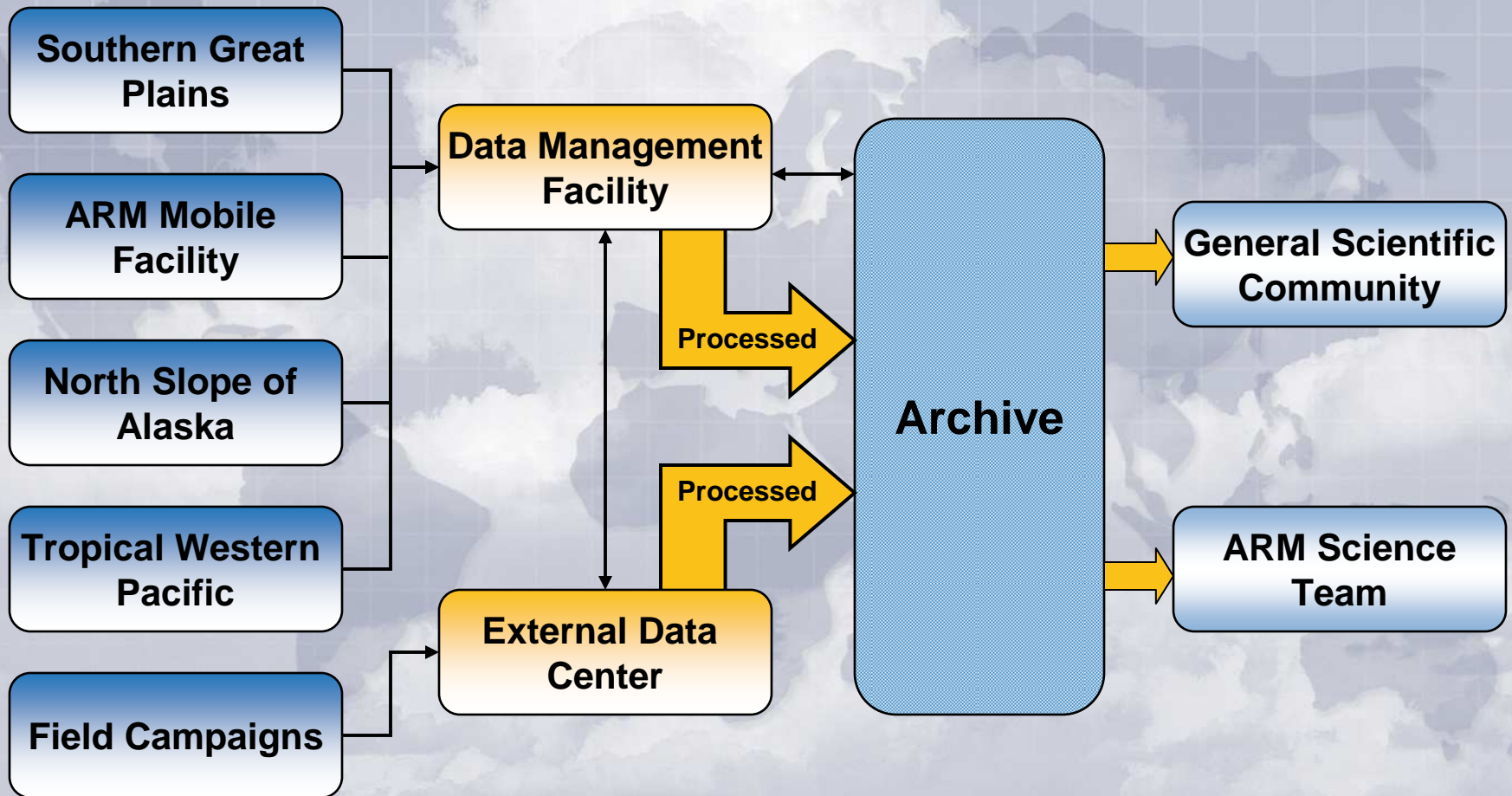


# Facility and Product



## ARM Infrastructure

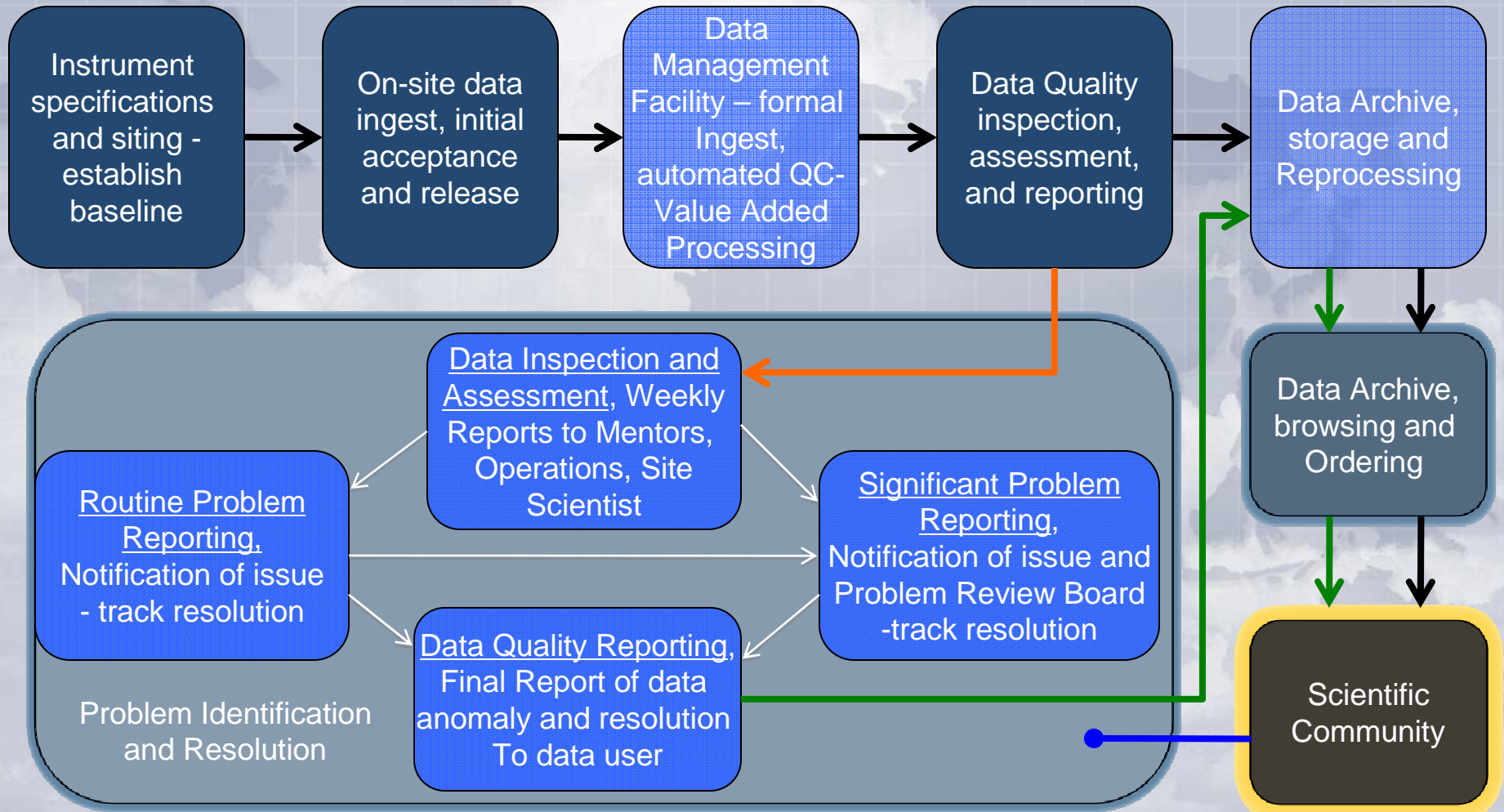
# Basic Data Flow and Dissemination



# Data Documentation

- Data Management and Documentation Plan ([www.arm.gov/data/plan.stm](http://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. Pepler, 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](http://www.arm.gov/publications/techreports.stm))





# Thank You

## Questions and Discussion