# Registering and Submitting your PI data with Ease using the ARM data product registration Tool- Online Metadata Editor (OME)

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# Highlights

- Information collected by OME:

  **https://archive2.ornl.gov/armome**

- OME form and workflow

- Benefits of OME Tool
  - To PI
  - To Data Users
  - To ARM

# What information does OME collect?

## Who

collected the data?
processed the data?
wrote the metadata?
to contact for questions?
owns the data?

## Where

were the data collected?
were the data processed?
are the data located?

## What

are the data about?
project were they collected under?
are the constraints on their use?
is the quality?
are appropriate uses?
parameters were measured?
format are the data in?

## When

were the data collected?
were the data processed?

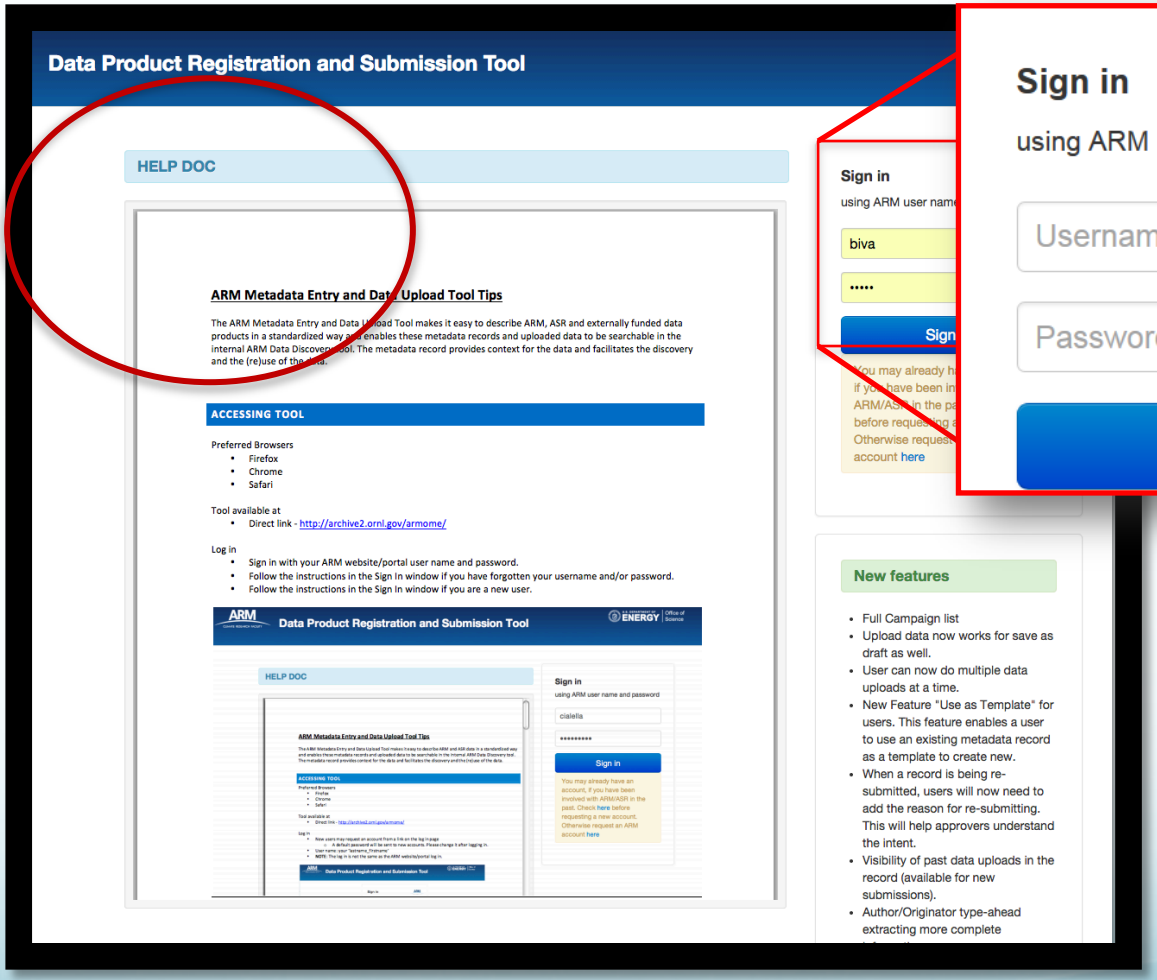
## How

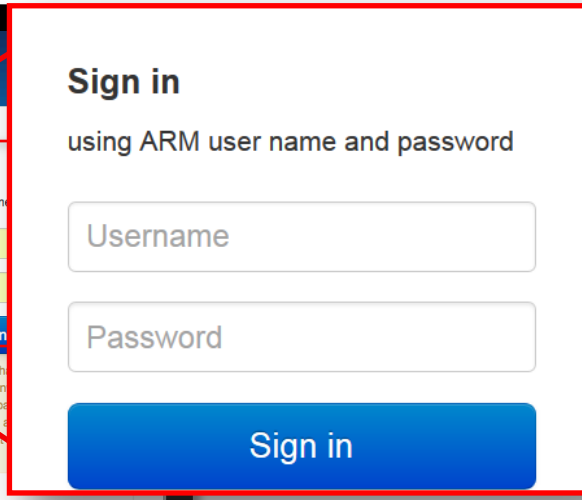
were the data collected?
were the data processed?
do I access the data?
do I order the data?
much do the data cost?
was the quality assessed?

## Why

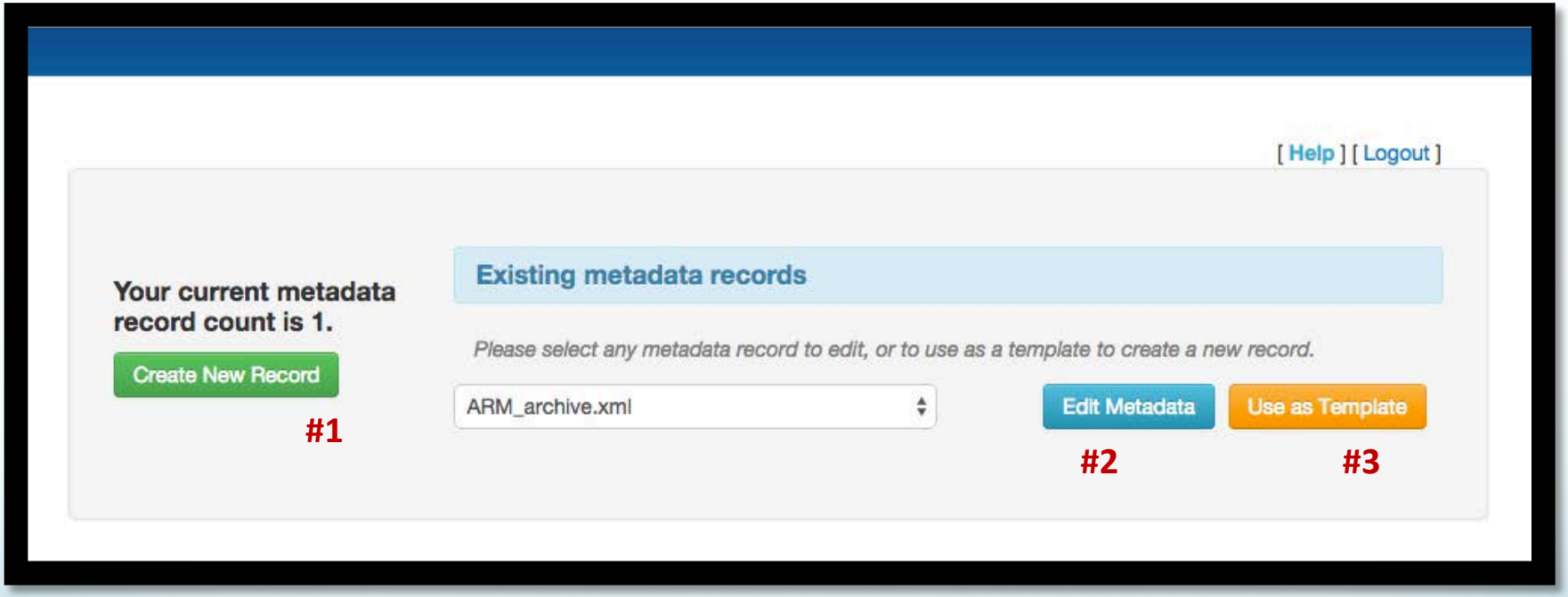
were the data collected?

# OME- As simple as it gets

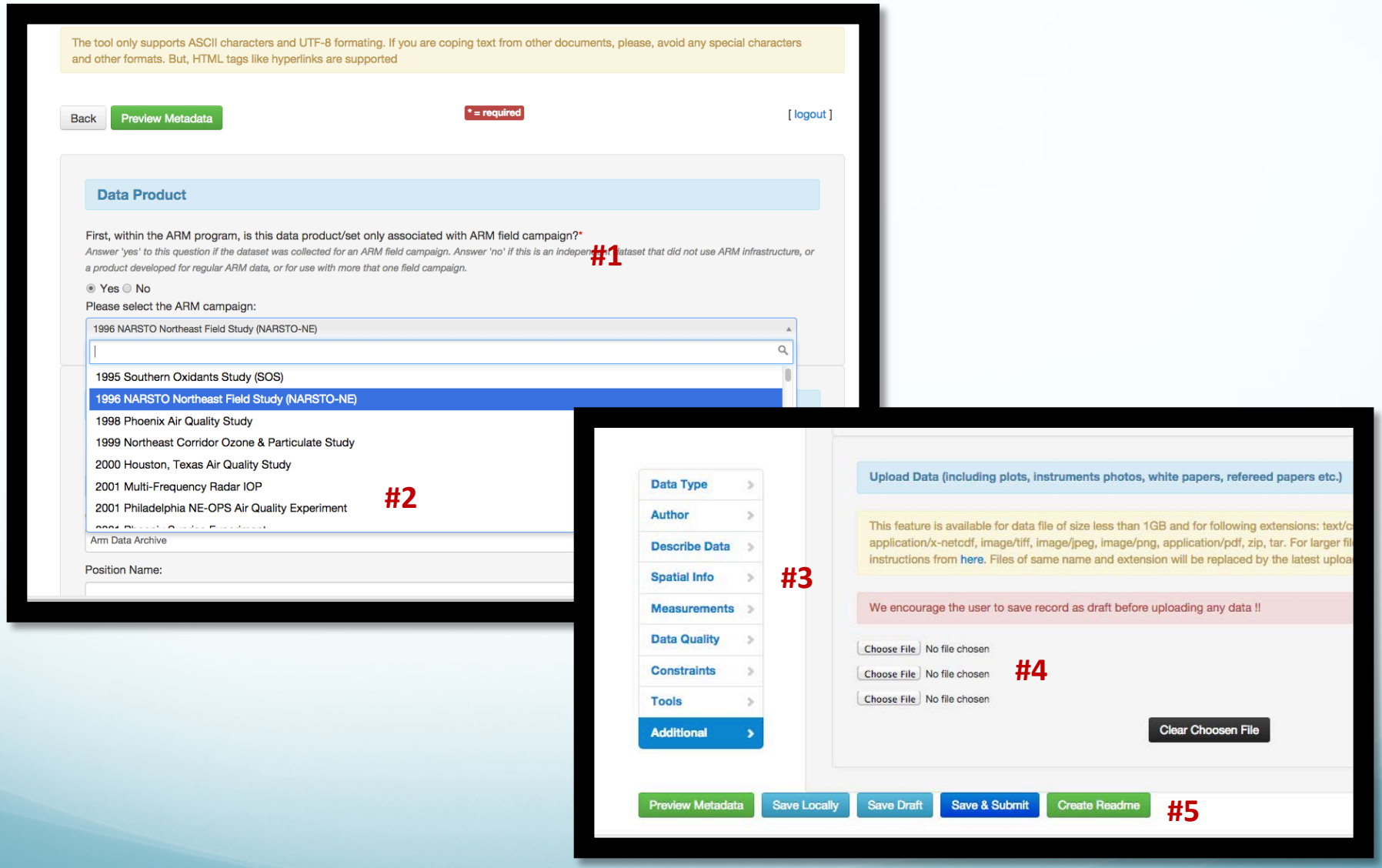


# OME- easy workflow



# OME- Helpful features

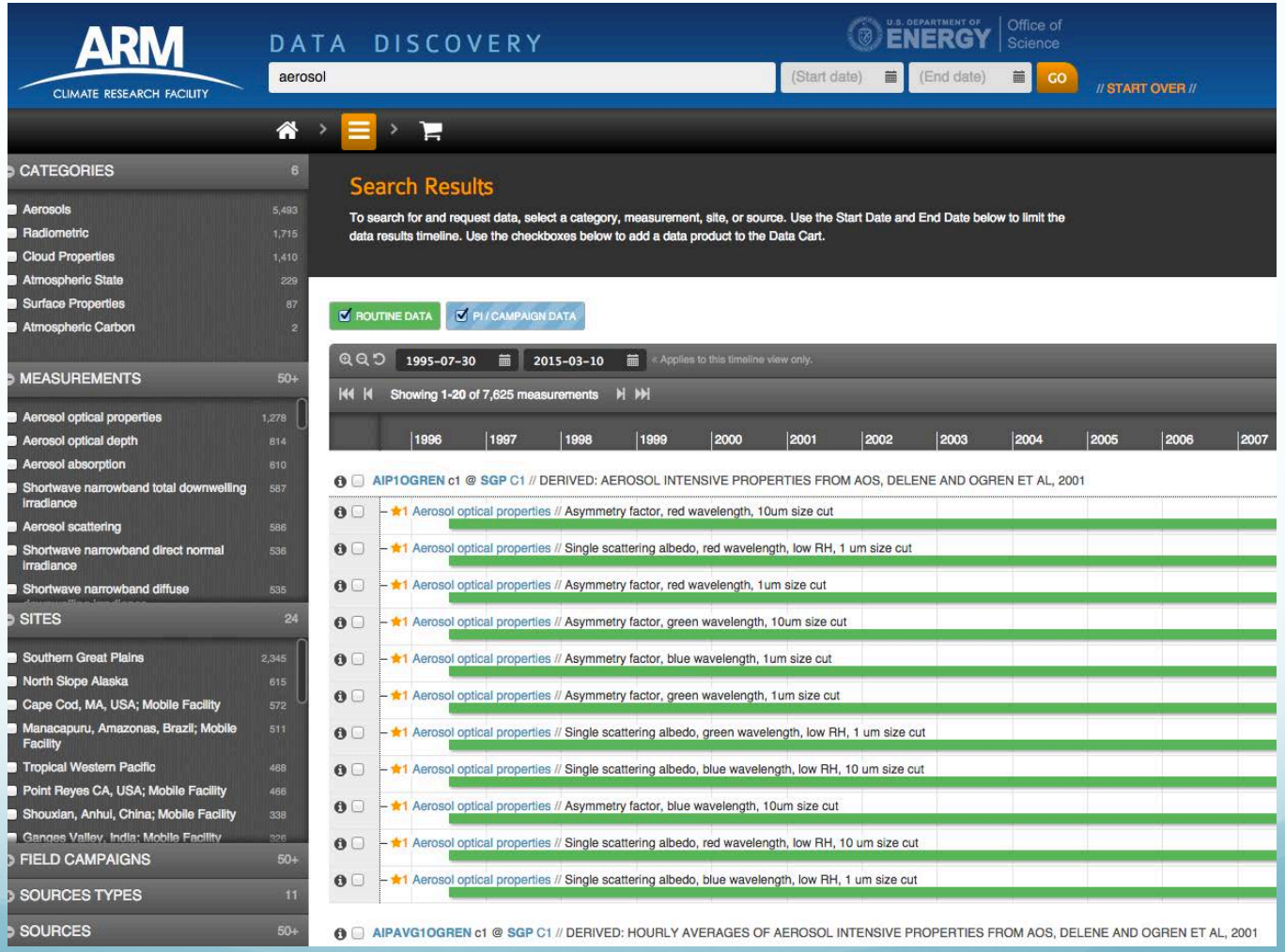


# Benefits to using OME tool for PI

- All in one web-based location
- No need to wait for ftp directory setup before submitting data
- No need for additional README documentation
- Faster turn-around from metadata and data submission to availability
- Notifications automatically generated throughout the process

# Benefits to using OME for Data Users

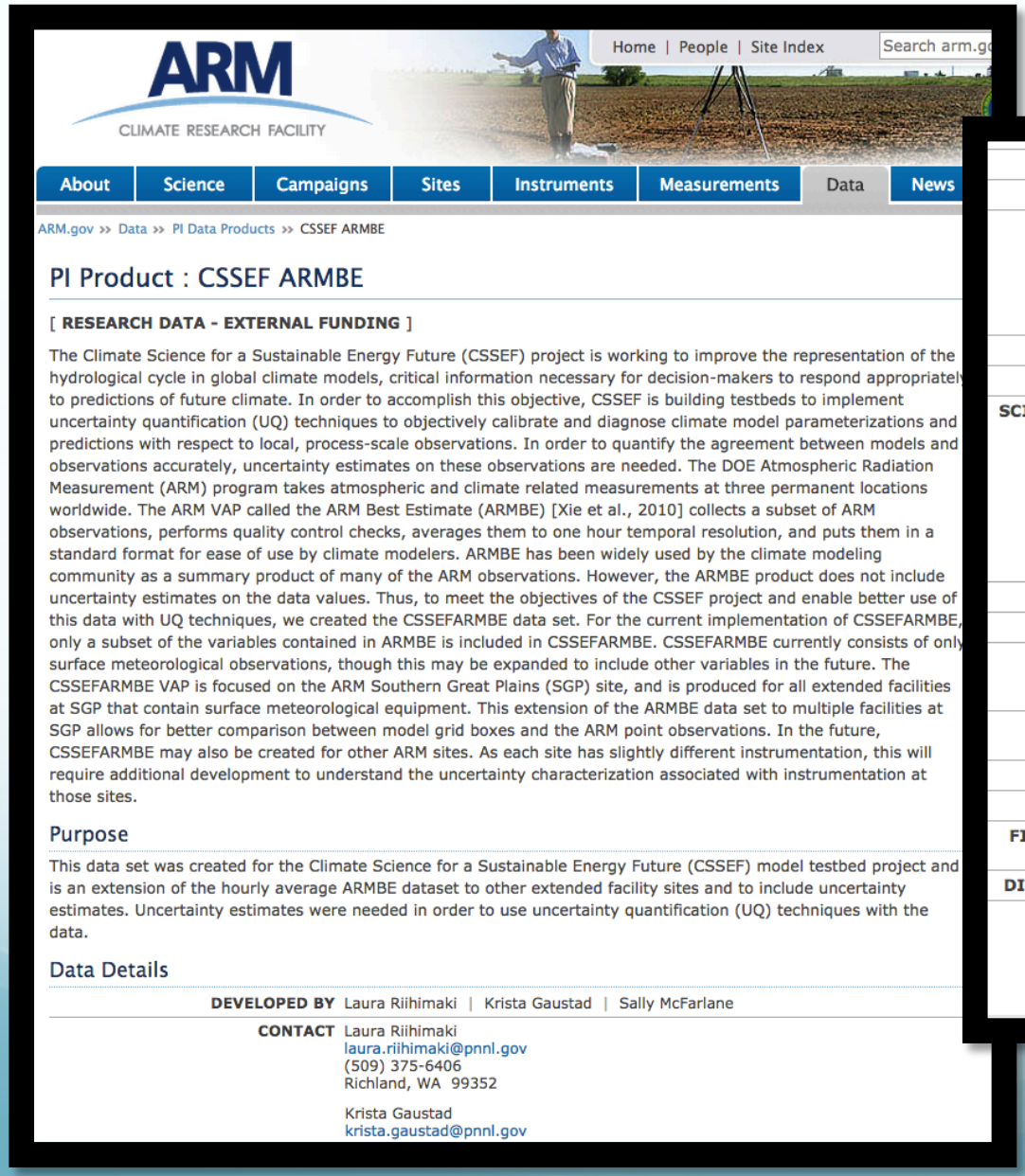
- Search, retrieve, and evaluate data set information externally and internally

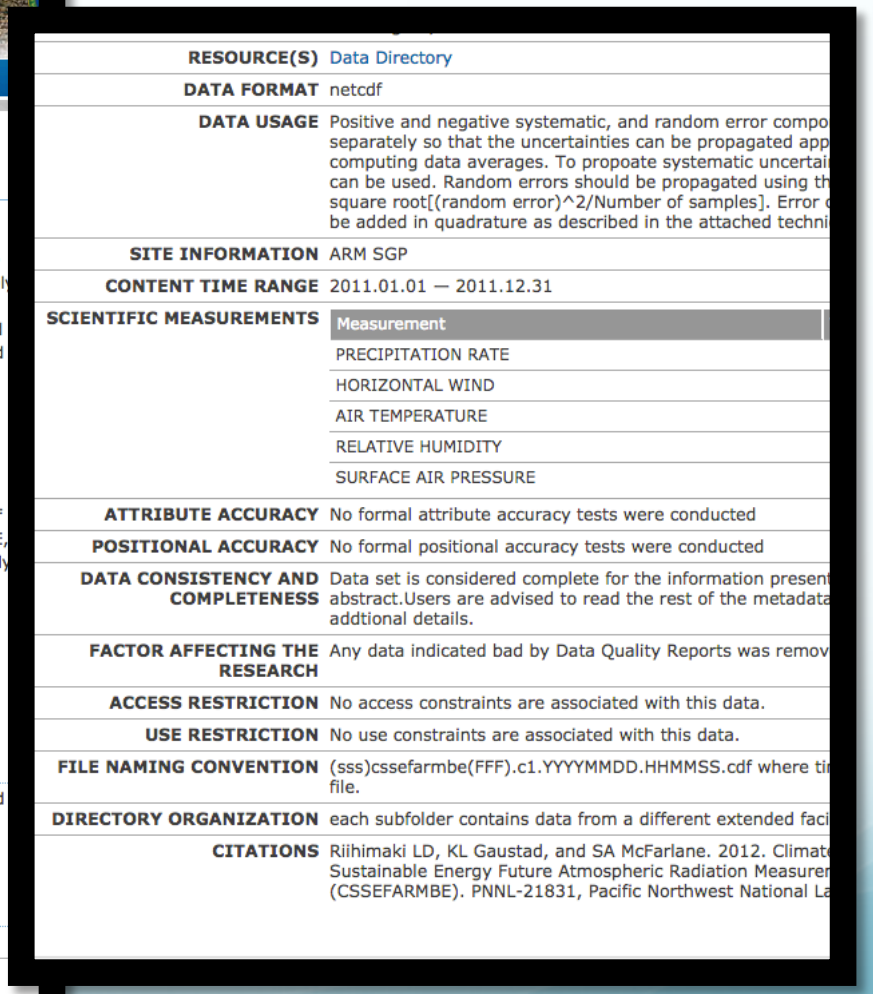


# Benefits to using OME tool for ARM

- Standardized metadata collected for all ARM products
- PI submissions and data access to public on same machine- no extra data movement
- ARM PI data more easily discovered from other organizational programs, e.g. Earth System Grid (ESG)
- ARM Web page documentation more complete and standardized

# More Complete and Standardized ARM Web Page



# Thank you

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# Questions??

**Please visit the poster later today!**