

Data Archiving and Access Requirements Working Group (DAARWG)

- DAARWG reports to NOAA's Science Advisory Board. It was established in 2006 & has met 5 times.
- I'll give a brief version of the terms of reference, show you the current members, & present examples of issues that DAARWG has discussed.

•25 May, 2010

DAAR Terms of Reference

Provide scientific advice & broad direction to NOAA regarding the wide range of data, information, & products that NOAA should archive & how NOAA can best provide access to this information.

The Data Archiving and Access Requirements (DAAR) Working Group will evaluate data archiving & access requirements from all of NOAA's observing systems & computational models, as well as non-NOAA information.

DAAR members

Roberta Balstad, Columbia University

Peter Cornillon, University of Rhode Island

Daphne G. Fautin, University of Kansas

Sara Graves, University of Alabama in Huntsville

Ernest Hildner, Boulder, Colorado

Gary Jeffress, Texas A & M University

Phil Jones, University of East Anglia, United Kingdom

Michael R. Mott, IBM

Sami Saarinen, CSC – IT Center for Science Ltd., Finland

Roger Wakimoto, NCAR

Ferris Webster, University of Delaware

Brice A. Wielicki, NASA Langley Research Center

Dean Williams, Lawrence Livermore National Lab

Thomas Zacharia, Oak Ridge National Lab (NOAA SAB Liaison)

In red: at this workshop.

Examples of DAARWG issues

- Integration: can the multitude of data systems in NOAA be coordinated...
 - ...so that users can find, obtain, & use data with uniform procedures & standard data formats to integrate data from various sources to solve environmental problems?
- Procedures for retention of data archives
 - Which versions of a dataset should be kept, & which should be abandoned?

Examples of DAARWG issues

- What data systems does NOAA have?
 - In addition to the National Data Centers, there are dozens of Centers of Data throughout NOAA. What are their roles & responsibilities?
- Should a NOAA-wide archive be created?
 - What data-system architecture would best meet NOAA's needs? What *are* NOAA's needs?

DAARWG issues

- For most of the issues mentioned, DAARWG has not arrived at a position.
- They're likely to be ongoing subjects of discussion.
- Additional issues for DAARWG may be identified at this workshop, & those DAARWG members who are present are looking forward to the discussions.