

2013 NOAA Environmental Data Management Workshop

Session 5: Data Preservation and Citation

Nancy Ritchey

NESDIS NCDC

June 27, 2013

Preservation and Citation - Current State

- Preservation is not considered during planning
- Not clear who is responsible for preservation
- Not all critical data archived
- No established standards
- Datasets not citable

Preservation and Citation - Target State

- Preservation and funding is instituted across NOAA and begins during planning
- Standards established: metadata, formats
- Routine archival of fully documented, data and information
- Persistent identifiers, with landing pages and citation guidelines

Preservation and Citation - potential next steps

- Plan for preservation, including funding
- Improve communication between data producers and Archives
- Promote tools to assist with preservation (e.g. archive requests, metadata creation)
- Establish standards: metadata, formats
- Institute data identifiers within the archives
- Work with journals to require identifiers for data used in publications