

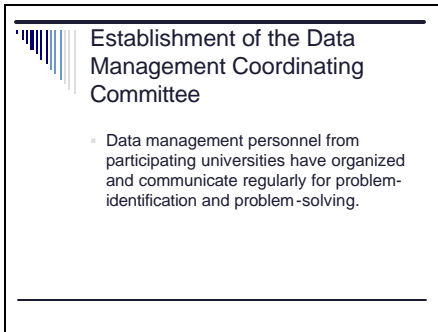
Presentation

Information Management Summary Report

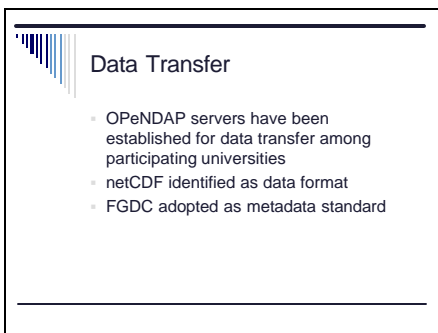
This presentation will be given during the opening plenary session on Monday morning.



A slide titled "Data Management Working Group" with a graphic of vertical bars of varying heights on the left. The text reads: "Data Management Working Group", "Progress Report", and "November 3 - 5, 2003".



A slide titled "Establishment of the Data Management Coordinating Committee" with a graphic of vertical bars on the left. The text reads: "Establishment of the Data Management Coordinating Committee" and a bullet point: "Data management personnel from participating universities have organized and communicate regularly for problem-identification and problem-solving."



A slide titled "Data Transfer" with a graphic of vertical bars on the left. The text reads: "Data Transfer" and three bullet points: "OPeNDAP servers have been established for data transfer among participating universities", "netCDF identified as data format", and "FGDC adopted as metadata standard".

Visualization Tools

- Tested LAS (Live Access Server) and identified strengths & limitations
- Implemented MapServer and utilized it for multiple applications
- Effected transfer of netCDF data to a GIS (Geographic Information System)

Quality Control, Continuity, and Liability

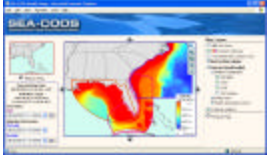
- Quality Control
 - Have begun to deal with QA/QC issues
 - Working with NDBC
 - Currently limited to range limits and data continuity checks
- Continuity
 - Working to establish data dictionaries
 - "Standards" – and ongoing issues
- Liability
 - Drafted a disclaimer for use with data and products

Developed "merged" products

- Modeling group
 - Bottom topography
 - Depth-averaged current
 - Water levels
 - Time-series animations of model output
 - Updated daily
- Observation group
 - Wind speed and direction
 - Time-series animations of near real-time data
 - Portal-ready access to netCDF files
 - On screen access of specific metadata components
 - Updated hourly

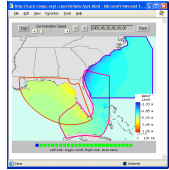
Portal: Model output

- The portal interface with bottom topography selected




Portal: Model output

- An example of animated model output. 24-hours of water level forecast model output is shown.
- Both hindcast and forecast model output is available via the portal.



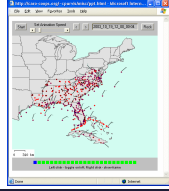
Portal: Near-real time observations

- The portal interface showing near-real time wind observations at midnight on 10/23/2003.
- The actual readings are displayed in the window below the map.



Portal: Near-real time observations

- An example of animated near-real time wind observations.
- Red dots indicate observation locations that have had wind readings within the past 24 hours.
- Watch the Explorer cruise in the Caribbean over the course of a day!



External partner engagement

- SEA-COOS partners have collected data from
 - The National Weather Service / Federal Aviation Administration (including METAR)
 - US Geological Survey
 - NOAA National Data Buoy Center
 - Center for Operational Ocean Products and Services
- Ongoing discussions with NCCDC and CSC
