External Data Usage Best Practice

A Presentation to the NOAA Science Advisory Board

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Outline

• Purpose
• Issue
• NOAA Coordination and Views
• Summary of External Data Usage best practice
Purpose

Information briefing to present response to SAB report which states, "A timely NOAA policy for the use of external data could improve NOAA’s data activities and serve as a model for wider collaborative adoption by partners."
If NOAA uses external data that are inaccurate, unreliable, or not within NOAA's legal right to use, then NOAA’s credibility or reliability may be damaged

• Scope
  – Use of environmental or socio-economic data from non-NOAA sources
  – …especially if:
    • NOAA imprimatur applied
    • May affect life, property, or highly influential scientific assessments
NOAA Coordination & Views

- Development of document assigned to EDM Cmtee
- Initial draft (by Jim Sargent/NMFS) based on existing NWS Policy on external data usage
  - 4 drafts circulated to NOAA Committees and Councils
    - Environmental Data Management Committee, Observing Systems Committee, Enterprise Architecture Committee, GIS Committee
    - NOAA Observing Systems Council, Chief Information Officer Council
    - NOAA Executive Panel and Council
External Data Usage
Best Practice Overview

• Best Practice: Answer questions in Worksheet to satisfaction of responsible NOAA official

• Worksheet: series of questions regarding
  – Purpose
  – Quality & Reliability
  – Terms of Use
  – Life-Cycle Cost
  – Information Systems
  – Metadata
  – Accessibility
  – Archiving
  – Formal Agreements
Questions?