FEDERAL METADATA COORDINATORS’ WEBINAR:
ISO GEOSPATIAL METADATA IMPLEMENTATION:
NOAA USE CASE STUDY

Day Two
ISO Geospatial Metadata Implementation

Wednesday
April 17, 2013
12:00-4:00 PM ET
USE CASE: NOAA OCEANIC AND ATMOSPHERIC ADMINISTRATION

- **NOAA’s Mission: Science, Service and Stewardship**
  - To understand and predict changes in climate, weather, oceans and coasts,
  - To share that knowledge and information with others,
  - To conserve and manage coastal and marine ecosystems and resources

- **NOAA’s Vision of the Future**
  - Resilient Ecosystems, Communities and Economies

- **NOAA Line Offices**
  - Environmental Satellite, Data and Information; Fisheries Service; Ocean Service, Weather Service; Oceanic and Atmospheric Research; Marine and Aviation Operations
  - Program Planning and Integration
Establish Planning Team 
Select ISO Standards 
Select ISO Tools 
Build Templates

xml editors

Develop ISO Implementation

- Planning Team
- Select ISO Standards
- Select ISO Tools (1..n)
- Build templates (1..n)
- Build Component Library
- Determine UUID Assignment
- Establish Transform Approach
- Implementation Policy/Timeline
- Training Plan

ISO Metadata Implementation Webinar
Day Two: Roadmap Use Cases
Build Metadata Component Library

Determine UUID assignment

Transform Approach

Implement Policy

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ISO Metadata Implementation Webinar
Day Two: Roadmap Use Cases
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- Educate Staff
- Train Data Managers
- Pilot Implementation
- Revision
- Create and Publish ISO Metadata
- ISO aware community

Implement ISO
- Educate Staff
- Train Metadata Creators
- Pilot Implementation
- Revise Plan
- Create and Publish ISO Metadata
- Participate ISO Metadata Community

OER Data Management
- Introduction
- Metadata Matters
- Methods and Tools
- Maps and Data Products

ISO Metadata Implementation Webinar
Day Two: Roadmap Use Cases
STRENGTH/CHALLENGES

- Benefited from ISO Champion
- Emphasized Training and Communication
- Looked for opportunities to showcase use cases
- Early adopters can leave others, even in own organization, behind
- Diverse data types
Discussion