

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

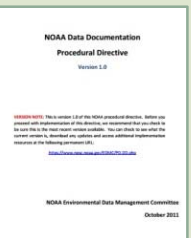
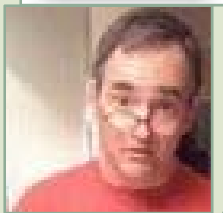
Day Two  
*ISO Geospatial  
Metadata  
Implementation*

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 Metadata Foundation  
 +Inventory metadata resources  
 +Address shortcomings



NOAA AO  
212-215



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 Metadata Developer  
 NOAA NCDDC

**Kathy M**  
 Metadata  
 NOAA N

**Point of Contact**  
 NCDDCMetadata@noaa.gov  
 866.732.2382

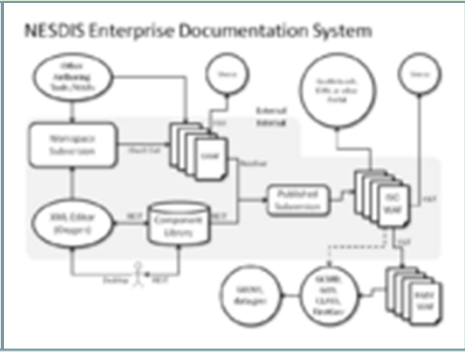
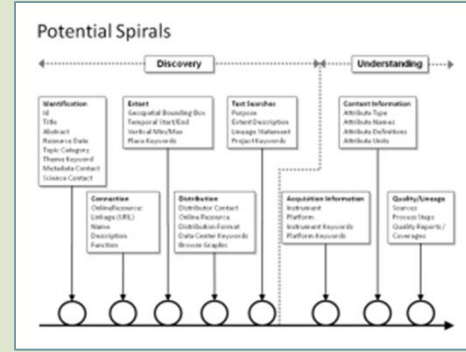


Establish Metadata Foundation

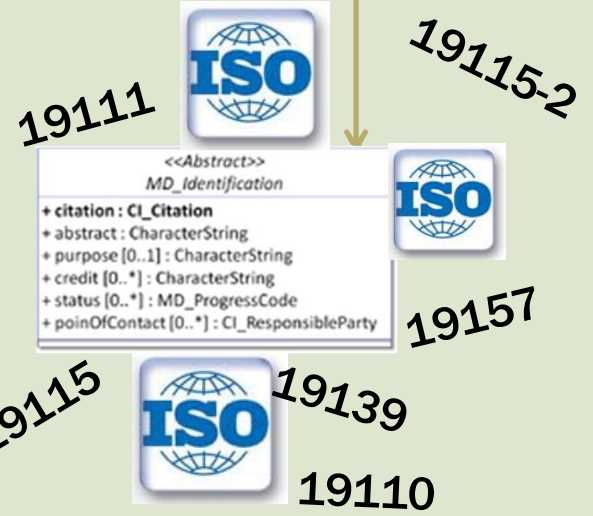
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NESDIS Metadata IRMT

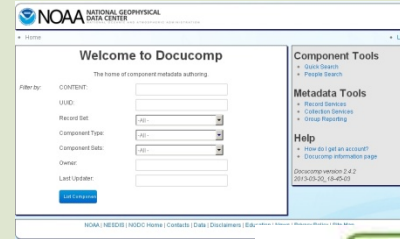


Intro to ISO	Transition to ISO	Intro to FGDC	Transition to ISO
Introduction to Geospatial Metadata - ISO 191** Metadata <a href="#">Register Here</a>			
Time: 9:30 AM - 10:30 AM CST		Course Materials: <a href="#">Download Here</a>	
Tuesday, January 15	Introduction to Metadata		
Tuesday, January 22	ISO 101 - Content and Organization		
Tuesday, January 29	XML Basics		
Tuesday, February 5	UML Basics		
Tuesday, February 12	Tools for ISO Metadata		
	Creation Methods and Writing Metadata		
	Validation		
	Data Discovery		



April 17, 2013

ISO Metadata Implementation Webinar  
Day Two: Roadmap Use Cases



- 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



xml editors



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MItemplate.xml	32.9 kB	3/18/13 8:01:00 PM

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DOC:NOAA/NESDIS/NGDC - National Geophysical Data Center, NESDIS, NOAA, U.S. Department of Commerce

Organization: NOAA/NESDIS/NGDC - National Geophysical Data Center, NESDIS, NOAA, U.S. Department of Commerce

Address: 325 Boundary, Md Code 8504

City: Boulder

Country: USA

Phone: (303) 497-5999

Fax: (303) 497-4513

URL: http://www.ngdc.noaa.gov

Docucomp interface showing filters for CONTENT, UUID, Record Set, Component Type, Component Data, Owner, and List Order.

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**doi SYSTEM**

The DOI System

Resolve A DOI Name

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**doi: 10.3334/CDIAC/otg.VOS\_RB\_2005**

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Calendar for April 2013:

M	T	W	T	F	S	S
25	26	27	28	29	30	31
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5

- +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

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Educate Staff

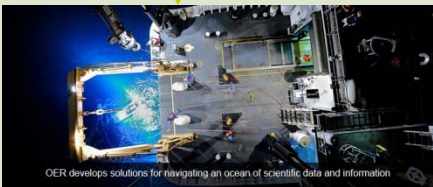
Train Data Managers

Pilot Implementation

Revision

Create and Publish ISO Metadata

ISO aware community



# 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