



FEDERAL METADATA COORDINATORS' WEBINAR:
**ISO GEOSPATIAL METADATA
IMPLEMENTATION**

Day One
*ISO Metadata
Editors*

Tuesday
April 16, 2013
12:00-4:00 PM

ISO METADATA EDITOR REVIEW

OPERATING ENVIRONMENT								
	CATMDEdit v.4.5	ESRI ArcCatalog v9.3	ESRI Geoportal Extension v9.3.1 sp1	GeoNetwork v2.4.1	IME v4.1	INSPIRE Metadata Editor v1.06	M3CAT v1.6	MetaD v3.0.5
Supported Standards	The editing environment includes elements from the following ISO standards:							
ISO 19115 Geospatial Metadata	■	■	■	■	■	■	■	■
ISO 19110 Feature Catalog	■							■
ISO 19119 Services			■	■		■		
North American Profile (Planned)		■	■	■			■	
Other Standards	■		■	■		■	■	
Interface	The following interface environments are available for editing:							
GUI	■	■	■	■	■	■	■	■
XML	■		■	■				■
Other Interface Environments	■		■					

<http://www.fgdc.gov/metadata/iso-metadata-editor-review>

ISO METADATA EDITOR REVIEW



2013 Update in progress

Comparative matrix of key selection features

Full text feature descriptions

**Users reviews needed – contact
Lynda@GeoMaxim.com**

TOOLS FOR CREATING AND EDITING ISO METADATA



TOOLS FOR CREATING AND EDITING ISO METADATA

Example Integrated Tools

- ESRI
- Intergraph
- ERDAS

Commonly Support:

- Integrated into workflow & data
- Automatic metadata generated & synchronized
- Codelists preloaded as picklists
- Imports/exports ISO 19115, CSDGM and NAP
- Ingest & export batch records
- GUI & help features
- Custom templates
- Search interface

TOOLS FOR CREATING AND EDITING ISO METADATA

Example Standalone

- GeoNetwork
- CatMDEdit
- ISOMorph

Commonly Support:

- ISO 19115, ISO 19110, ISO 19119, CSDGM, Dublin Core
- Automatic metadata generation for some data file formats
- Validation
- Ingest and export batch records
- Search interface
- Platform independent
- Multilingual
- GUI
- Customizable
- Common repository
- Open-source

TOOLS FOR CREATING AND EDITING ISO METADATA

Example

XML Editors

- Altova Spy
- Oxygen

Commonly Support:

- Any standard if you have the schemas
- Easy to edit
- Batch functions
- Graphics can be generated from schemas
- Transformation
- Validation

OTHER ISO METADATA TOOLS

**Discussed
Earlier**

- Transform Metadata
- Create & Manage Metadata Components

**Next
Section**

- Validate & Assess Metadata

Tomorrow

- Publish Metadata

Did I mention?

ISO Metadata Editor User Reviewers Needed
Lwayne@GeoMaxim.com

ISO GEOSPATIAL METADATA RESOURCES

Day One
*ISO Geospatial
Metadata
Standards
Overview*

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NOAA ISO METADATA TRAINING

<http://www.ncddc.noaa.gov/metadata-standards/metadata-training>



Training Program Website

- Transition to ISO
- Intro to Metadata – ISO 191**



NOAA ISO 19115-2 Metadata Training Materials

- Presentations and Exercises
- 19115-2 Workbook
- Recorded Webinars

ftp://ftp.ncddc.noaa.gov/pub/Metadata/Online_ISO_Training

CREATE AND TRANSFORM ISO METADATA



ISO Metadata Editor Review

- update in progress
- <http://www.fgdc.gov/metadata/iso-metadata-editor-review>



ISO metadata creation using an XML editor

- https://geo-ide.noaa.gov/wiki/index.php?title=Oxygen_XML_Editor



CSDGM to ISO metadata transformations using XSLT

- Human readable
- <http://www.ncddc.noaa.gov/metadata-standards/metadata-xml>

ASSESS AND VALIDATE ISO METADATA



ISO metadata validation

- https://geo-ide.noaa.gov/wiki/index.php?title=ISO_Validation



INSPIRE (EU) ISO metadata validation service

- INSPIRE profile
- <http://inspire-geoportal.ec.europa.eu/validator2/#>



ISO metadata quality assessment spirals and rubric scoring

- https://geo-ide.noaa.gov/wiki/index.php?title=Documentation_Spirals

JOIN THE DIALOG



Geocommunities International Metadata Listserver

- <http://spatialnews.geocomm.com/community/lists>



FGDC Metadata Working Group

- <http://www.fgdc.gov/participation/working-groups-subcommittees/mwg>



NOAA ISO Metadata wiki

- https://geo-ide.noaa.gov/wiki/index.php?title=Category:ISO_19115

OTHER RESOURCES?