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

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

<table>
<thead>
<tr>
<th>OPERATING ENVIRONMENT</th>
<th>CATMDEdit v.4.5</th>
<th>ESRI ArcCatalog v9.3</th>
<th>ESRI Geoportal Extension v9.3.1 sp1</th>
<th>GeoNetwork v2.4.1</th>
<th>IME v4.1</th>
<th>INSPIRE Metadata Editor v1.06</th>
<th>M3CAT v1.6</th>
<th>MetaD v3.0.5</th>
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<td>Supported Standards</td>
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<td>Other Interface Environments</td>
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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

- Integrated
- Standalone
- Desktop / Enterprise
- Web Applications
- GUI
- XML Editors
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
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
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

CREATE AND TRANSFORM ISO METADATA

ISO Metadata Editor Review
- update in progress

ISO metadata creation using an 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

INSPIRE (EU) ISO metadata validation service
- INSPIRE profile

ISO metadata quality assessment spirals and rubric scoring

April 16, 2013
ISO Metadata Implementation Webinar
Day One: Standards Overview
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
OTHER RESOURCES?