Federal Geographic Data Committee

Metadata Working Group

Quarterly Telecon
March 21, 2012

Agenda

- Acting FGDC Metadata Coordinator
- Status of ISO 19115-1, *Geographic Information - Metadata – Part 1: Fundamentals*, Draft International Status (DIS) review.
- 2011 CAP Project Updates
- News from the field

Acting Metadata Coordinator

- Jennifer Carlino, USGS – Denver
  - o Half time through June 2012
  - o Contact: jcarlino@usgs.gov; 303.202.4260
- Activities
  - o Metadata Summit follow up
  - o ISO Guidance from FGDC
  - o Metadata Service/ISO on Geospatial Platform
  - o Website Updates
  - o Cooperative Agreements Program (CAP)

Status of ISO 19115-1 and related standards

Courtesy: Dave Danko, ESRI, Inc.

ISO 19115-1 Update

- ISO 19115:2003 Metadata
  - o 5 year revisions distributed for comments in Feb/Mar 2012
  - o Proposed to be published as *ISO 19115-1: Geographic Information - Metadata – Part 1: Fundamentals*

- Schedule
  - o Voting and comments resolved   2012-06
    - US/FGDC submitted 91 comments and will vote "yes"
  - o Final Draft International Standard*   2012-12
  - o International Standard   2013-05

* This step could be skipped depending on outcome of Toulouse meeting

What's new in ISO 19115-1

- Concept of "recommended core" was removed

- Incorporated services metadata from ISO 19119

- Data Quality moving to ISO 19157

- Feature catalog information (entity/attribute metadata) enabled (physically or by link)

- Responsible party restructured to enable reuse for different roles

- Overall 74 elements added/improved/deleted - examples:
  - metadata identifier improved, MD_Scope and MD_KeywordClass classes added, online linkage in Citation, Reference system type code attribute added, . . .)

ISO 19157 Data quality

- ISO 19157 Data quality (incorporating 19113/19114/19138) (in work)
  - UML model for Quality
  - DIS published
- Schedule
  - FDIS   2012-06
  - IS   2013-01

Feature Catalog

- ISO 19110:2005 Feature Catalogue Amendment 1 XML Schema FC encoding (complete)

- ISO 19110 5 Year Review (in work) - First Project Team meeting

XML schema implementation of ISO 19115-1

- New Work Item Proposal (NWIP) released by ISO TC 211
  - If approved work should start in June to have schema when ISO 19115-1 final
  - Proposed by Energistics
  - Project leader is Ted Habermann, NOAA
- XML schema
- Transform (XSLT) from ISO 19115/19139 to ISO 19115-1/191XX
- Validation (Schematron)
- ISO 19115 encoding + encoding rules (XML) are now in ISO 19139

Other ISO Metadata standards

- ISO 19115-2:2009 Extensions for imagery and gridded data (complete)

- ISO 19139-2 Metadata - XML schema for imagery and gridded data (in work) - Approved as DTS

NAP ISO 19115 and 19110

- NAP ISO 19115 Metadata remains stable as is

- Once ISO 19115-1 revision has stabilized work can be considered for NAP ISO 19115-1 or potentially NAP ISO 19115-2 (once updated to include ISO 19115-1)

- NAP incorporation of ISO 19110 Feature Catalog – on hold until work on NAP 19115-1 starts

2011 CAP Project Updates

❖ *Central Florida GIS Workshop, Inc. (see presentation)*
>   *Stanimira Bourova*

❖ *Iowa Geographic Information Council*
>   *James Giglierano*

❖ *Northern Arizona University/Merriam-Powell Center for Environmental Research (see presentation)*
>   *Paul Heinrich*

News from the Field

Announcements from

Metadata Working Group Members

NOAA CDDC ISO Metadata Webinar Training

- Jaci Mize, NOAA NCDDC / Radiance Technologies Jacqueline.Mize@noaa.gov

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

- 165 people and 9 countries participated in the first session

- Workshops alternate with presentations followed by Q&A following week

- Thursdays, 1-2 PM CST thru May 31, 2012

EPA Metadata Editor

- David Parish, EPA parrish.david@epa.gov
- Software update in process, comments welcome but must be submitted ASAP
- Training schedule under development, info distributed to MWG when available
- Invite Anna Milan and other NOAA staff to EPA GIS meeting in Denver March 27-29, 2012

Central Florida GIS Workshop

- 2011 CAP Award

- Stanimira Bourova, LYNX-CFRTA mbourova@golynx.com

- Training material for One day Training Class:

http://www.cfgisworkshop.org/training.html">http://www.cfgisworkshop.org/training.html

- Ignite (5 min) presentation on metadata:

http://www.youtube.com/watch?v=uFP02fTzAmI&feature=related">http://www.youtube.com/watch?v=uFP02fTzAmI&feature=related

Iowa Geographic Information Council

- 2011 CAP Award
- Jim Giglierano james.giglierano@dnr.iowa.gov
- Links to information related to project

training material are here:
http://www.gis.iastate.edu/servicebureau/metadatatraining/
And our service bureau blog is here:
http://iagiservicebureau.blogspot.com

Other materials:

/http://www.gis.iastate.edu/servicebureau/metadataprojectdocuments/ (including our statewide pre-workshop metadata survey and other supporting documents)

Next MWG Meeting: June 2012

Comments and Ideas:

fgdc@fgdc.gov or jcarlino@usgs.gov