

NCDC Metadata Workshop III - Wednesday August 15, 2012

Discussion Points:

1. ISO Implementation with Best Practices and Transition (Lead Jaci)
 - a. Training
 - b. Automation - what tools are available
 - c. Standards
 - d. Phases of Implementation?
 - e. Mapping FGDC Entity and Attributes to ISO MD_ContentInformation (Why not just use ncML with CF Conventions and add it as an extension to ISO?)
 - f. ISO Citations - Identifiers and URLs
 - g. ISO MD_Aggregation use cases
 - h. Implementing ISO 19119 - metadata for services
 - i. XSLTs - where to obtain community-accepted copies, and who to contact to create/update transforms?
 - j. Community repository for XSLTs
 - k. Working group to coordinate on XSLT work (e.g., ISO to DIF)
 - l. XSLT to HTML view of LE_Lineage in a provenance diagram (w/links to source data, documentation, code packages and responsible parties)
 - m. Identifiers: DOI for datasets. UUID for "files". UUID for Citations, Contacts, other things. How does one resolve a UUID? Requires an associated, persistent UUID service to access the information.
 - n. ISO 19115-1 - impacts, timing, access to draft? 19139 changes?

How we can transition to ISO

How implemented

ncML/CF conventions

Better communications

Wiki page EDMC GEOIDE 19115-1 (need to make more readable for outside users)

2. Metadata Usage (CWIC, ECHO, GCMD, Mercury (Solr), GeoPortal, THREDDS) (Lead Lola)
 - a. How is metadata used
 - b. How is the metadata shared? Registration process?
 - c. Which metadata standards are required, and how are standards compatible?
 - d. Which metadata fields are required for sharing?
 - e. Harvesting techniques and metadata requirements
 - f. Geoportal configurations - list of standard ISO XPath to index?
 - g. Granule metadata standards (using NcML with CF, ACDD and ISO)

Input from GCMD:

Registration

Standards

Sharing/How metadata is used

Types of metadata (major types)

Synchronization

Discovery tools

3. Metadata Tools (ATRAC, DocuComp, nclSO) (Lead Ted)
 - a. Tools for the non-metadata experts
 - b. Tools for the metadata technical staff
 - c. Web Service interface to Docucomp

Tools for users (discovery tools)

Tools for metadata creation, translation and improvement