Slide Number
3: Sharon Shin Retirement

- Participants expressed concerns about the Metadata Coordinator position vacancy and need for leadership during this active metadata period.
- Response: The FGDC Office of the Secretariat has put a couple of options in place for filling the key Metadata Coordinator position but must continue to operate under the restrictions currently in place within their Bureau. In the meantime, the FGDC OS will continue to rely heavily on its support contractor.
- Dave Danko (Esri & INCITS L-1) felt FGDC should have been better prepared to fill the position and manage the INCITS L1 duties.
- Gita Urban-Mathieux (FGDC) stated that staff do not always provide early notification of their retirement plans and that current circumstances have further complicated efforts to fill this and other FGDC vacancies.

4: 2011 Metadata CAP Awards

- provided an overview of the 2011 CAP metadata project awards
  - Central Florida Metadata Training Initiative
  - Iowa Metadata Training Outreach
  - Metadata Training and Outreach for Tribal Environmental Science and Management on the Colorado Plateau

5: 2010 Metadata CAP Award Training

- Gita Urban-Mathieux presented information about DC area metadata training being provided by Westat with CAP support.
6: NSDI Stakeholder Metadata Training
- Kathy Martinolich (NCDDC) presented information about Intro and Train the Trainer Metadata training being provided by NOAA (NCDDC and NOS) and sponsored by the HI GIS Council and NOAA Pacific Data Center.

7: ISO / NAP Status
- Dave Danko (Esri/INCITS L-1) provided a status update on ISO 19115 and NAP metadata standards
  - renamed to ISO 19115-1 Metadata – Fundamentals
  - merges 19115 vers. 2003 and 19119: 2005 – metadata for services
  - removes most Data Quality content to new standard (ISO 19157) except DQ-lineage elements will remain.

8: Backward compatible to 2003, therefore
- no new mandatory elements can be introduced
- removed/moved elements stereotyped (tagged) as <<deprecated>>
- new elements stereotyped as <<new>>

8: Other ISO 19115-1 changes
- Feature catalog (Entity/Attributes) fully incorporated as detailed description or link to external description (feature catalog record).
- New elements include Online Linkage for Citation
- Responsible party restructured to allow multiple Role Codes (originator, publishers, etc.) for same contact

9: Review schedule for ISO 19115-1
- FDGC Comments due 3.25
- OGC Comments due 3.31

10: Revision schedule for 19115-1
- Draft International Standard (DIS) 2011-11
- Final Draft (FDIS) 2012-11
- International Standard (DIS) 2013-05
11: North American Profile (NAP) status
- On hold until ISO 19115-1 at DIS stage
- Will incorporate all 19115-1 structural and content changes including Feature Catalog

12: NAP schematron Updates
Presented by Jaci Mize (NOAA NCDDC)
- Schematrons incorporate NAP requirements and best practices that go beyond 19115
- Requires 19139 (xml of 19115) validation first then NAP schematron processing
- Collaboration between NCDDC and State of MO

13: NOAA NCDDC ISO/NAP Training Materials
Presented by Jaci Mize (NOAA NCDDC)
- Has coordinated with FGDC, NBII and other NOAA units to develop suite of materials
- Contact Jaci Mize to request access to the materials online repository

Discussion:
- Need a new model for learning
  Ted Habermann (NOAA NGDC) suggested that the materials developed build upon the outdated CSDGM Workbook approach (static material, linear curriculum) and that we need a new model for learning
- Need to teach UML
  Habermann also suggested that we are doing a disservice if we do not incorporate training about UML and present ISO/NAP using UML.
  - Dave Danko agreed saying we should not ‘fear the UML’
  - Jaci Mize (NOAA NCDDC) suggested that there were different audiences to support. Those that were actively developing metadata applications and resources and needed to work directly with the ISO 19115 UML and those that simply needed an effective data document method and want a simple, consistent transition from CSDGM.
- Copyright issues associated with the use of the ISO UML diagrams
  Mize asked what copyright issues might be raised by using ISO UML diagrams.
  - Habermann felt that the ‘Fair Use Doctrine’ provided for free use of the diagrams and that use of a copyright symbol would suffice.
14: ISO/NAP Implementation Guidance
Lynda Wayne (GeoMaxim) presented the current FGDC to ISO/NAP implementation guidance to ‘stay the course with CSDGM’ unless some compelling reason to change.

15: ISO/NAP Implementation Guidance
Basis for the recommendation
- Standards are still in a state of flux
- Lack of resources (guidance, training, applications)

16: ISO/NAP Implementation Guidance
Compelling reasons to change
- Need to utilize expanded elements for documentation of remotely sensed data
- International data collaboration
- In the initiation stage of metadata implementation

17: ISO/NAP Implementation Guidance
Food for thought: Does this guidance need to change?
Discussion:
- Do we promote a change from CSDGM?
  - Habermann suggested we should have changed much earlier and that FGDC has lost their leadership role with regard to metadata implementation. NASA and NOAA are shifting. We can’t cling to old ways, even NASAs Global Change Data Directory is changing from their Directory Interchange Format (DIF) documentation standard.
  - Peter Schweitzer (USGS – Geology) stated that FGDC did abandon its leadership role on standards development when it joined the ISO 19115 effort but that shift in leadership was appropriate.
- When, based on what milestones?
  - Mize suggested we should make the change once we have portals to support ISO metadata, noting that Fed agencies are required to publish to GOS and GOS does not support ISO metadata format.
  - Habermann stated that the portals are changing capabilities rapidly and that you can always convert your ISO to CSDGM for publication.
- Danko reminded that ISO and NAP require new information that should be collected right now.

  - Do we make the change to ISO or NAP?
    - Mize suggested that we adopt NAP once it is aligned with ISO 19115-1 and perhaps the best approach is to profile ISO 19115-1 as NAP by simply adding the NAP best practices to ISO 19115-1 content.
    - Habermann stated that standards will always been on shifting ground and we need to learn to better roll with change. He added that the current NAP dropped too much info including:
      - ability to extend the standard
      - usage information to document new applications of the data
    - Schweitzer stated that there should not be any transition until we can successfully transform a CSDGM record to ISO and back again successfully, too much info is lost using the current transforms. In addition he would like to see better presentations (stylesheets) of ISO metadata.
    - Anna Milan (NOAA – NGDC) stated she was working on the stylesheets and has some options that we can review.

Given the time constraints of the telecon, participants were asked to give additional thought to the topic and the remaining questions:

- What can we/FGDC do to encourage transition?
- What are the barriers & incentives?
- Need a new model for learning

GeoMaxim suggested that a dedicated telecon be set up to further discuss the topic. Several participants agreed and suggested that the MWG should hold topic-related calls outside of the quarterly calls.
18: News from the Field:
NOAA Esri Geoportal Adaptations
Kathy Martinolich (NCDDC) presented information about NOAA efforts to improve Geoportal support of CSDGM and ISO metadata
- Include CSDGM profiles and extensions
- Use CSDGM and ISO published schemas vs. Esri adaptations
- Make the source code for the adaptations publicly available

19: News from the Field:
NPS Arc 10.1+ Assessment
Chris Dietrich (NPS) presented information about efforts to assess Arc 10.1+ and determine the need and potential to develop NPS metadata editor add on.

20: News from the Field:
Voyage: GIS Data Discovery
Linda Zellmer (UW - Madison) provided a link to the Voyager: geospatial data catalog and search utility that does not require metadata but does benefit from it. Participants were asked to check out the free download and report back to the group with their experiences.

The meeting was adjourned at 3:05 PM.