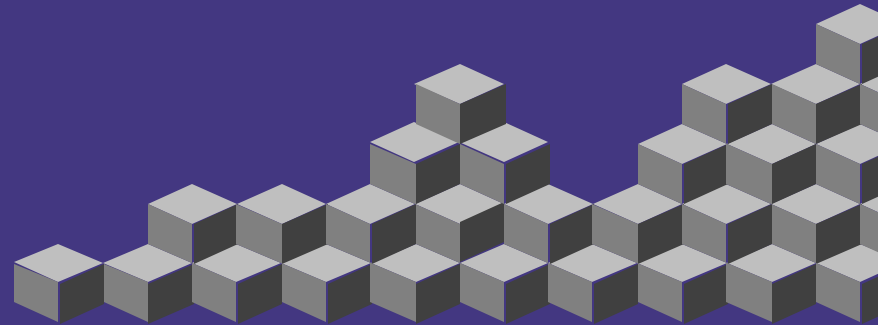
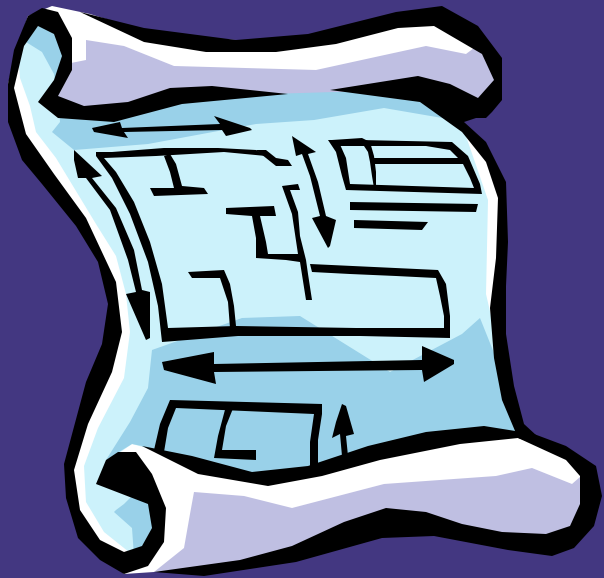


FGDC Metadata Standard Transition to ISO

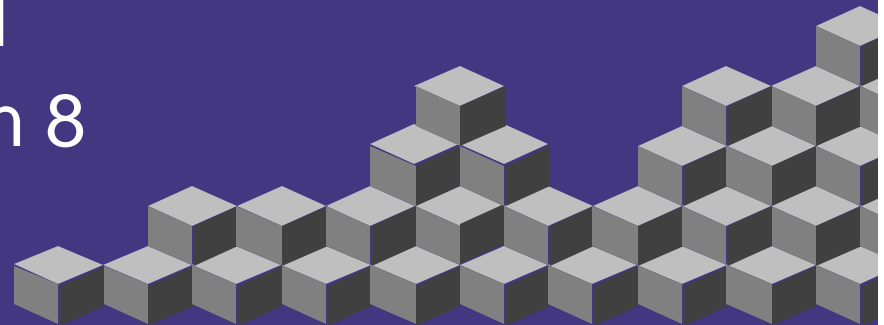
Sharon Shin
FGDC Secretariat/Geospatial One Stop
Metadata Coordinator
ESRI Federal User's Conference
January 20-22, 2004
Washington D.C.



Where are we



- FGDC CSDGM Version 2
 - Stay the course- continue use
- ISO 19115 – (UML model)
 - ANSI adoption 12/24/2003
 - National Identical Adoption
- ISO 19139 Implementation Standard
 - Version 8



Where are we going



- ISO 19139 – XML
- North American Profile*
- FGDC ISO Crosswalk
- FGDC ISO conversion tool
- FGDC Implementation
Training Materials



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METADATA DEVELOPMENT EFFORTS

The Digital Geographic Information Working Group (DGIWG) is taking a leading role in metadata standards development. This includes work at the International level through leading roles in ISO TC 211 19139 *Geographic information - Metadata - Implementation specification* and 19115 part 2 *Geographic information - Metadata Part 2 - Metadata for imagery and gridded data* project teams. DGIWG is also developing a comprehensive implementation profile of the ISO standards for use in coalition environments (including NATO) requiring a common metadata standard to produce, catalog, share, discover and exploit geospatial intelligence. This web site serves as a resource to further this process by publishing and soliciting feedback from the broader community interested in geospatial metadata standards.

News & Headlines

Version 0.8 of the [ISO 19139 dataset implementation model](#) was posted to this site on 30 Nov 2003.

Version 4.0, dated 08 July 2003 of the [FGDC-to-ISO Metadata Crosswalk](#) was posted to this site on 09 Jul 2003.

An updated [TC211 Harmonized Model](#) (as of 11 Dec 2002) was posted to this site 08 Jan 2003.

ISO 19115 Metadata Standard	Reference	ISO 19139 Metadata XML Dataset Impl	ISO 19115 Part 2 Imagery & Gridded Data	DGIWG Implementation	Intelligence Community Metadata Standards	National Implementations
General Description	- Briefings - TC211 Harmonized Model - INCITS/L1 - OGC - ISO/TC211	General - Description - Related Docs Releases - Version 0.8 - Version 0.7	General - Description	- DGIWG Forum Dataset Crosswalks - ISO 19115 to VPF - ISO 19115 to DTED - ISO 19115 to RPF	- IC Metadata Standards	Look here for future work related to National Models and Profiles

□ ISO 19139

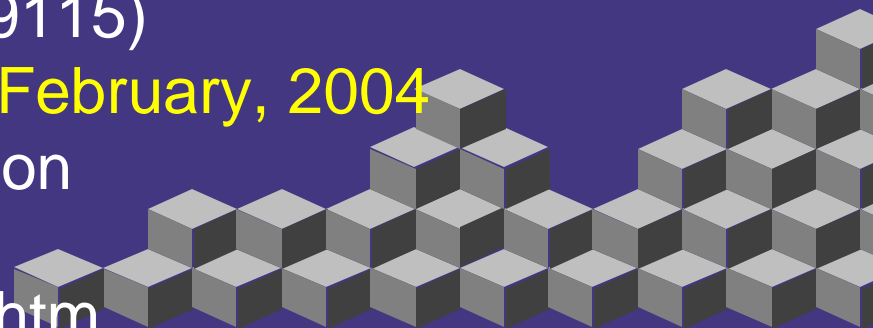
- Implementation Standard (ISO 19115)

- **Prelim Tech Standard Review ~ February, 2004**

- Technical Specification designation

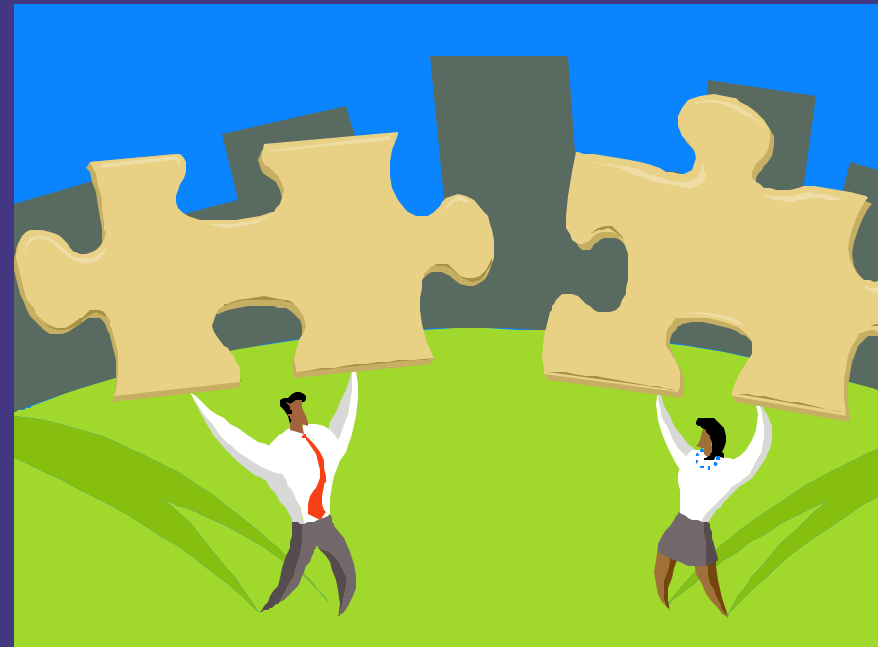
 - ~ November 2004

- <http://metadata.dgiwg.org/index.htm>



US National Profile

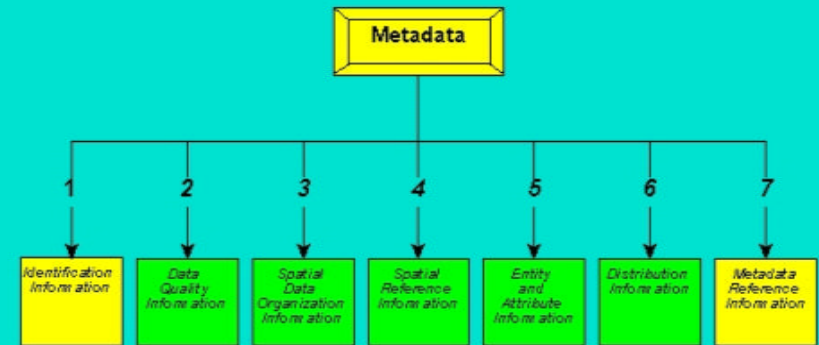
- ❑ Maintain harmony between ISO 19115 and FGDC support tools and implementation.
- ❑ Trans-boundary & implement able subsets and extensions
- ❑ Proposed profiles
 - ❑ Profile 1- Existing metadata migration to ISO
 - ❑ Profile 2- Production of new ISO compliant metadata



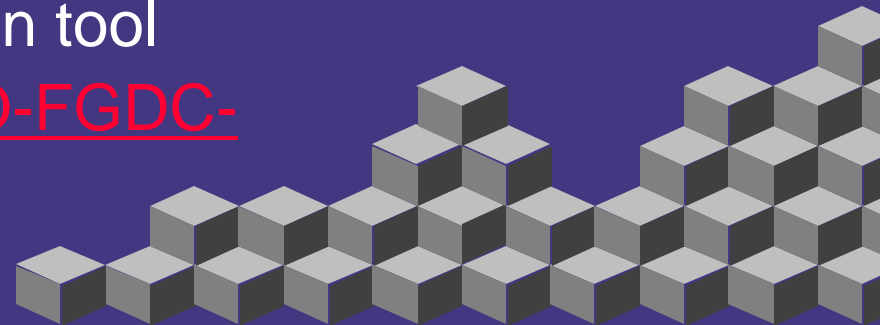
FGDC ISO Crosswalk

FGDC - ISO Crosswalk v4.0	Update date: 8-July-2003
Elements changed in this version are in green.	
The first tab following this Introduction is a master "Crosswalk" from FGDC to ISO elements, updated 11-June-2003.	
The "Open Items" tab is a list of those items which require further discussion & consensus disposition.	
The next ten tabs of this spreadsheet provide detail for each of the 7 major FGDC sections, and the 3 supporting sections.	
The next two tabs are the source DTDs for this crosswalk:	
FGDC Metadata DTD 3.0.1 19990611	
ISO Metadata DTD (revised) -- for reference only. A more robust XML schema under development will supplant this document (ISO-19139).	
The next tab is a table of elements from the ISO-19108 standard, which is referenced from the "Time Information" tab.	
The next tab is a table of elements from the ISO-19110 standard, which is referenced from the "Entity-Attribute" tab.	
The next tab is a table of elements from the ISO-19111 standard.	
The next tab contains explanatory Notes.	
The "V4 changes" tab itemizes all changes in Xwalk content suggested by a review team in April 2003.	
The final two tabs provide Guidelines for submitting comments and questions about this file, and a template for doing so.	
Fig.1 (right) is FGDC metadata; Fig.2 (below) is ISO metadata	
Sources and credits: The intent of this document is to mirror the crosswalk	

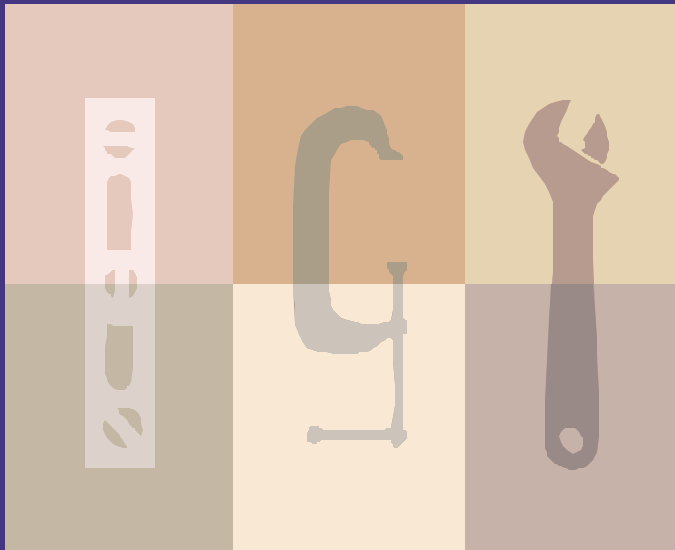
Content Standards for Digital Geospatial Metadata



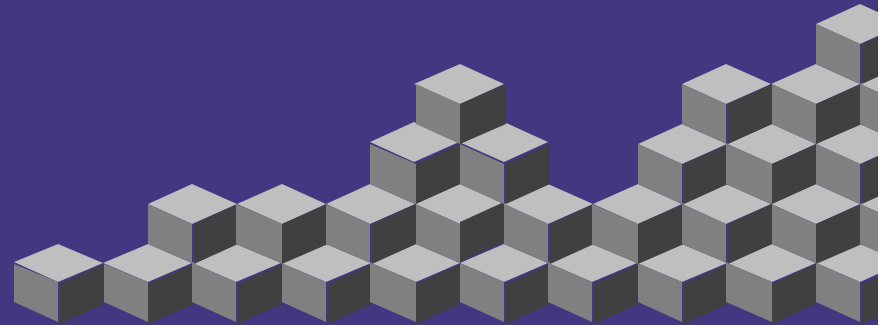
- Updated July 8, 2003
- Includes ISO and FGDC DTD
- Foundation for crosswalk conversion tool
- <http://www.fgdc.gov/CrossWalk/ISO-FGDC-METADATA-CROSSWALK-V4.xls>



FGDC-ISO Crosswalk Tool

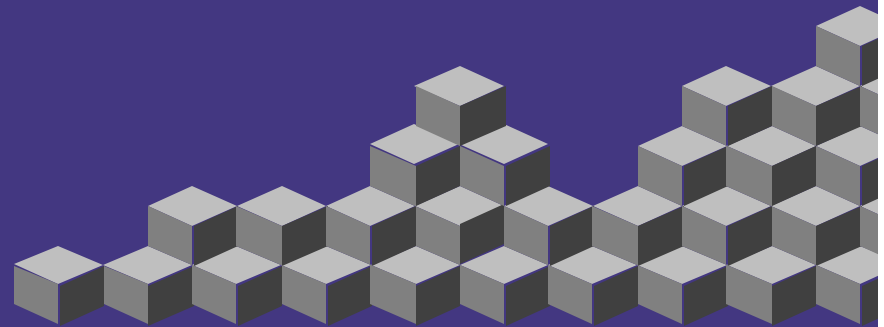


- Stand-alone
- Free
- Crosswalks FGDC metadata to ISO



FGDC ISO 19139 Implementation Training Proposed Support

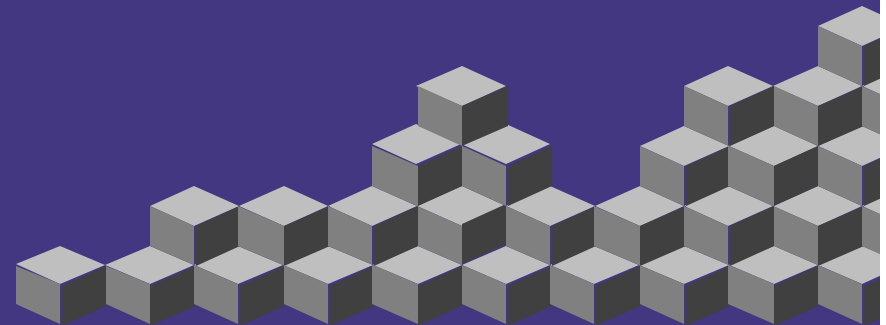
- Develop FGDC CSDGM Version 3 workbook
- Develop base training materials and post to fgdc.gov
- Provide implementation assistance / training.



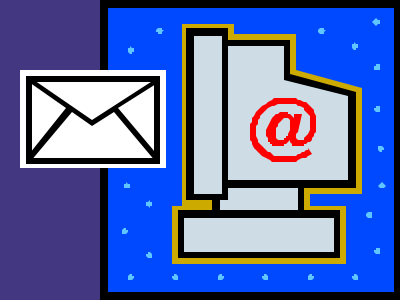
ISO 19139 Implementation

What you can do now

- ❑ Participate in ISO 19139 public review ~February 2004
- ❑ Enter ISO theme keyword into existing metadata



Contact Us



Standards participation

Julie Binder-Maitra jmaitra@fgdc.gov

Training

Bonnie Gallahan bgallahan@fgdc.gov

Metadata

Sharon Shin sharon_shin@fgdc.gov

