

ISO GEOSPATIAL METADATA STANDARDS: STATUS AND RELATIONS

Day One
*ISO Geospatial
Metadata
Standards
Overview*

Tuesday
April 16, 2013
12:00-4:00 PM

FGDC ENDORSED ISO GEOSPATIAL STANDARDS

CIRCULAR NO. A-119 Revised

- Federal agencies are directed to:
use voluntary consensus standards in lieu of government-unique standards except where inconsistent with law or otherwise impractical
- The intent is to:
 - reduce government costs to develop standards and burden of complying with government specific regulations
 - Incentivize the development of national, vs. federal, standards
 - Promote private enterprise growth and efficient, economic competition
 - Increase reliance on private sector to supply goods and services
- As such, the FGDC has adopted more than 60 ISO/ANSI standards related to geographic information

<http://www.fgdc.gov/standards/fgdc-endorsed-external-standards/>

FGDC ENDORSED ISO GEOSPATIAL STANDARDS

Many of the endorsed standards provide schemas to describe data conventions for:

spatial coordinate systems and identifiers

time related content and references

geodetic codes and parameters

data models and application schemas

and more...

You will use these standards if you use custom methods to represent any of the above.

Otherwise you will want to focus on...

FGDC ENDORSED ISO GEOSPATIAL METADATA STANDARDS

ISO 19115:2003 Geographic information - Metadata (corrigendum 1)

ISO 19115-2: Geographic information - Metadata Part 2: Extensions for imagery & gridded data

North American Profile (NAP) of ISO 19115

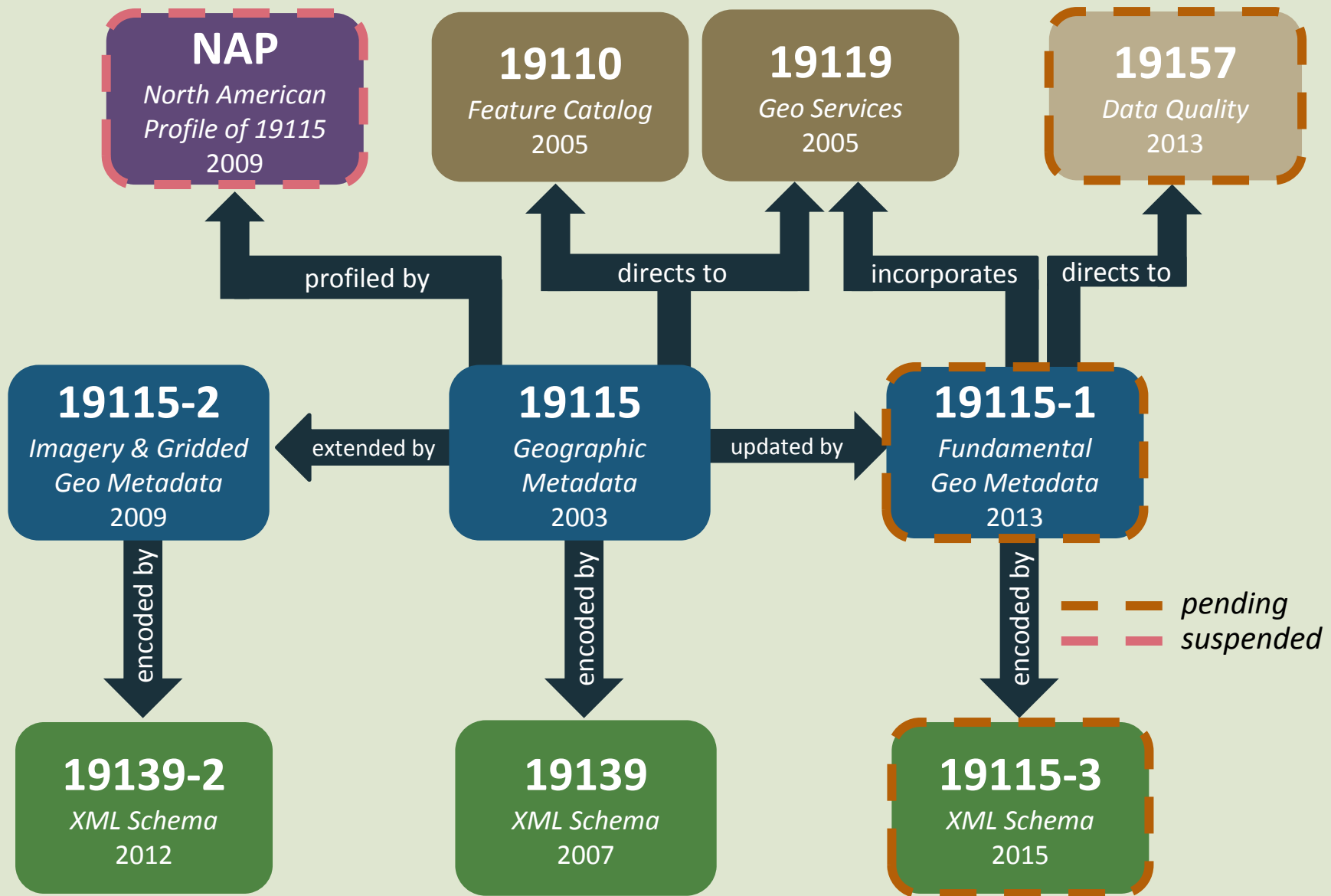
ISO 19110: Geographic information – Methodology for Feature Cataloging

ISO 19139: Geographic information – Metadata – XML schema implementation

ISO 19119: Geographic information - Services - Amend 1

ISO 19139: Geographic information – Metadata – XML schema implementation

SUITE OF ISO METADATA STANDARDS

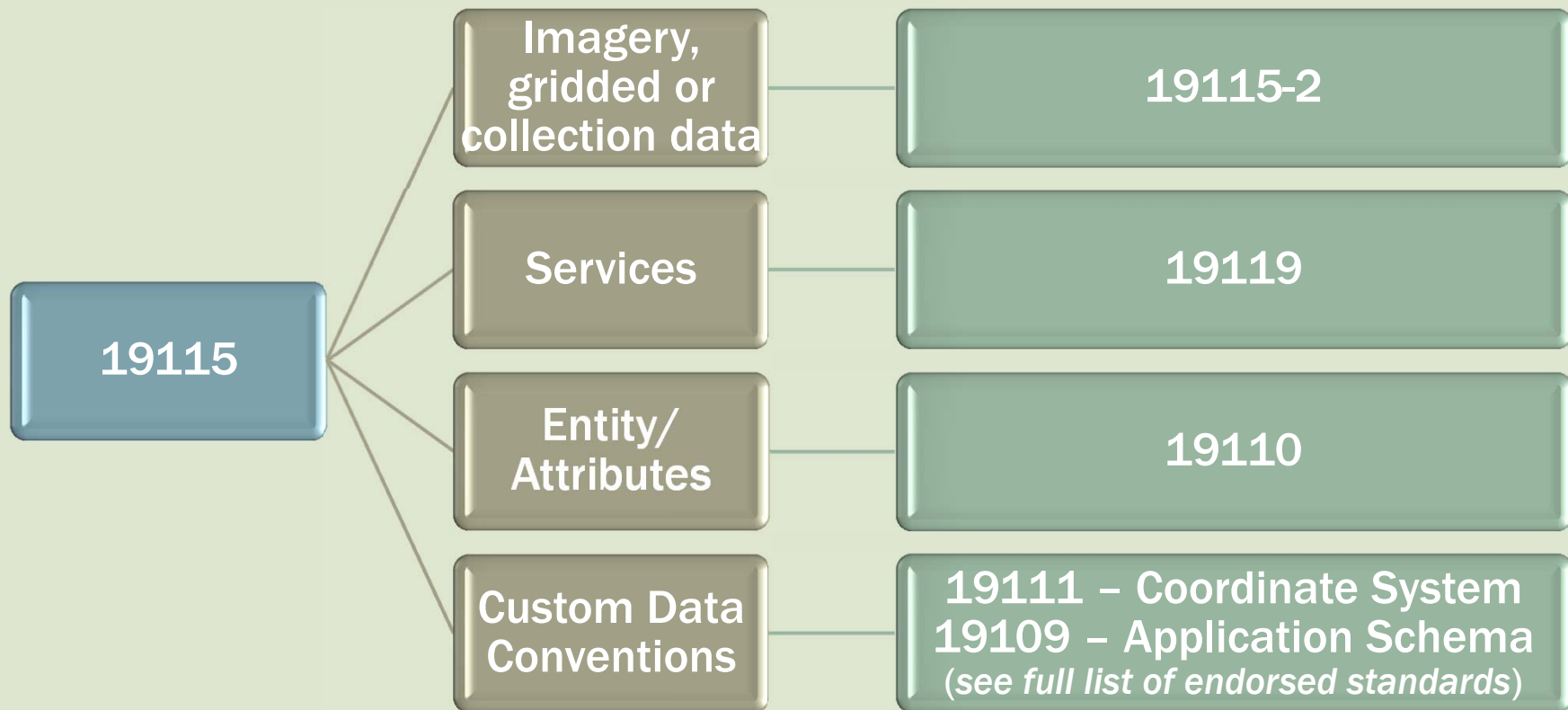


WHICH STANDARDS SHOULD I USE?

1. Start with

2. select all that apply

3. add one or more



QUESTIONS?

Which standards would best support your business operations and organization?