Demystifying interoperability

Champaign-Urbana, Illinois, July 25-26, 2013

Thursday, July 25th

8:00 Introductions

Round table with hubs and others who have deployed services

Feedback: What's working and what's Not

Demo NGDS Data Explorer

Why interoperability is worth the pain

Demonstrate URI function

9:00 NGDS overview and sustainability:

paradigm shift—data services are part of survey CODB

What does it cost to run a server: hardware, software, personnel

Importance of maintaining data; Serve you own data and web services

Review cost estimates for server operation

9:30 Disaster recovery Hyper V replication

9:45 Coffee break

10:00 Presentation: Maps and data

The Tiers of USGIN data delivery

How can my institutions current efforts (e.g., web applications) be a part of the NGDS?

How can I put my existing database into an interchange format?

Where to access templates, content models, what’s in workbooks

Data review process—what makes a good dataset?

11:00 Preparation for afternoon

Inventory data and configurations currently used by participants

Introduction to documentation, overview of NGDS to Excel tool (functionality, limitations)

12:00 Lunch

13:00 Creating Feature Class, Service deployment

Overview of process

Walk through: participants follow with their own data

* URI creation, redirects
* Preparing data – double and date formats
* Excel to NGDS script

15:15 Break

15:30 Creating Feature Class, Service deployment, continued

Demo Arc Server deployment via remote connection to kyantie/malachite

Compare WMS/WFS

Emphasize namespaces, prefix, OnlineResource, symbology, service metadata

16:45 Review and closing discussion

Friday, July 26th

8:00 Service deployment, continued

XML validation and testing—Demo w/ XML spy and WFS Validator

Repository, Metadata

Demo Geoserver deployment with app-schema, SLDs

10:00 NIAB (Node In A Box) presentation, discussion

11:00 Workshop Re-cap, review and closing discussion

12:00 Farewells