Demystifying interoperability

Reno, Nevada, May 14, 2013

8:00 Introductions

Round table with hubs and others who have deployed services

Feedback: What's working and what's Not

Demo Data getter

Why interoperability is worth the pain

Demonstrate URI function

9:00 NGDS 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

Business models

9:30 Disaster recovery Hyper V replication

Coffee break

9:45 Breakout

Track 1: Virtualized server deployment

Hyper V deployment—setting up a server

Track 2: 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

Review plan

Inventory data and configurations currently used by participants

Get set up on the network

Intro to Documentation

12:00 Lunch

13:00 Service deployment:

Overview of process

Walk through: participants follow with their own data

* Excel to PostGIS
* namespaces, URI redirects
* deploy services using ArcGIS from ArcMap project
* xml validation and testing—demonstrate w/ XML spy
* Geoserver deployment with app-schema, SLDs
* connecting to service with ARcMap, Compare WMS, WFS

15:30 Review and closing discussion

16:00 Farewells