Tri-State CI Wrapup

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Overview

- Interoperability Standards
- Interoperability with National Networks
- Working Groups
- Resources

Interoperability Standards

- Geospatial Data and Visualization: Open Geospatial Consortium
  - Web Map (WMS)
  - Web Feature (WFS)
  - Web Coverage Services (WCS)
- Geospatial Metadata
  - FGDC with anticipated migrations to ISO 19115 and related schema
- Service Interfaces
  - Representation State Transfer (REST) and
  - Simple Objects Access Protocol (SOAP)

Interoperability with National Networks

- CUAHSI
  - Open Data Model (ODM) and
  - Related service interface
- USGS CLICK
  - Storage of LiDAR data
- GEON/OpenTopography
  - Integration of LiDAR processing algorithms

Working Groups

- Architecture
  Working group responsible for providing guidance and reference documentation for architectural issues related to the tri-state collaboration
- Data Policy
  Working group responsible for reviewing the data policies developed by the individual states, and looking for opportunities for harmonization
- Data Formats & Instrumentation Systems Connectivity
  Working group providing support in the definition of common data ingest formats and helping in the development of shared models for observation system data processing

Resources

- Subversion Repository
  A shared versioning system hosted at EDAC for collecting code and algorithms for the tri-state collaboration
- Collaboration Site
  http://edac.grouphub.com
  Contact Karl Benedict (kbene@edac.unm.edu) to obtain a username and password, or to have your welcome email resent
- Wiki ???
  - Existing resources?

Next Steps

- Develop a report that provides background information and recommendations for:
  - Metadata standards and tools
  - Geospatial interoperability standards
  - Data policy harmonization between states
  - Recommendations for interoperability with national networks
- Convene working groups as loci for work related to
  - Interoperability between state systems through common architectural models
  - Identification of commonality between state data policies, and work towards harmonization as appropriate
  - Identification of instrumentation and observation system connectivity and data format/flow needs and interoperability opportunities

Questions?