Models for Shared Responsibility: Collaboration and Engagement with the NCGDAP and GeoMAPP Partnerships

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The Problem: Preserving State and Local Geospatial Data

- Valuable temporal data, frequent update
- Superseded data inaccessible or permanently lost
- Diffuse points of data production and custodianship
  - Counties, state agencies, municipalities, regional
- Different organizational model for geospatial in each state
- State Archives not engaged in spatial data infrastructure
North Carolina Geospatial Data Archiving Project

- One of eight initial NDIIPP collection-building partnerships
  - Leveraging existing spatial data infrastructure
  - NC OneMap vision statement:
    “Historic and temporal data will be maintained and available”
- Repository as catalyst for discussion about technical issues, data sharing, roles in data archiving
NCGDAP Outcomes

- Initiation of a dialog about data preservation and access
- Engagement with the vendor community
- Data Preservation Working Group within the OGC
- Engagement with State Archives
- Increased producer effort to retain superseded data
- NC Archival and Long-Term Access Committee
Leveraging Geospatial Resources - Spatial Data Infrastructure
Shared Responsibility; Shared Vision

- **2002 - 2009**
- NC GICC / NCSU
  - Vision
  - Intergovernmental Data Sharing Committee
  - Archive & Long Term Access Committee
  - NC Archives Implementation/testing
  - Outreach

- **2002 - 2009**
- LC NDIIPP
  - NCGDAP
  - 50 States Workshop
  - Multi Disciplines
  - Engagement
  - GeoMAPP
    - Multi State
  - Tool Sharing
  - Outreach
Geospatial Data Are Public Records

ITEM xxxxx. STATE OWNED LANDS DATASET FILE.

File includes datasets created to identify state-owned complexes, to define the exterior boundaries of state-owned complexes in North Carolina such as N.C. Department of Transportation (NC DOT) maintenance yards, state parks, state universities, etc. Datasets were created by the N.C. Department of Administration, State Property Office, in cooperation with the N.C. CGIA, and are responsible for providing new datasets. Datasets may represent different scale sizes and file formats.

DISPOSITION INSTRUCTIONS: Retain superseded dataset in office upon the receipt of new dataset. Transfer electronic records upon update to the State Records Center for immediate transfer to the custody of the Archives. Contact the Government Records Branch, Electronic Records Unit prior to transfer of electronic records.
Proposed Local Retention Schedule

ORTHOMAGERY

DISPOSITION INSTRUCTION:

GIS dataset: Permanent. Create a snapshot of dataset annually.

Either:

Transfer snapshot to NCOneMap according to established procedures, complying with standards and procedures adopted by the North Carolina Geographic Information Coordinating Council. (See Geospatial Records, page __)

Or.

If retained in office permanently, your agency must comply with standards (for metadata, file naming, data sharing, and long term preservation) and procedures adopted by the North Carolina Geographic Information Coordinating Council. (See Geospatial Records, page __)
Content in Motion
Leveraging A Process and Partnerships

Archives Challenge...

County Orthoimagery

Ortho flights flown by contractor -> Data set Created

County GIS

NC OneMap FTP

Orthoimagery currently not transferred to State Archives

NC OneMap

DOT
Feds
Flood Mapping
Agriculture
Universities
DENR
Emergency Mgmt
Content in Motion
State Archives as a Partner

Potential Solution

County Orthoimagery

Ortho flights flown by contractor -> Data set Created

County GIS

NC OneMap FTP

NC OneMap

State Archives

TBD: Historic Orthos

DOT

Feds

Flood Mapping

Agriculture

Universities

DENR

Emergency Mgmt
GeoMAPP: A Lesson in Collaboration

- Working together to address the archival challenge
  - Relationship building
  - Collaborative working groups to address project aims
  - State based solutions with team oversight and feedback
  - Collective activities to test assumptions and create best practices
GeoMAPP: Next Steps

- Wrap up of exiting efforts
  - Data transfer between states
  - Interim report of project findings and recommendations
- Expanding the partnership
  - Informational Partnership
  - GeoMAPP 2010
    - Focus areas include
      - Providing access to archived material
      - Business Planning for sustainable archive
      - Outreach, engagement and mentoring