NATIONAL GEOSPATIAL DIGITAL ARCHIVE (NGDA)
Presentation to ALA MAGERT Cataloging & Classification Committee
Sunday, June 24, 2007

http://www.ngda.org
For more information: Mary Lynette Larsgaard mary@library.ucsb.edu

I. Objectives of the project:

- Create a new national federated network committed to archiving geospatial imagery and data.
- Investigate the proper and optimal roles of such a federated archive, with consideration of distant (dark) backup and migration, directly serving content to users, vs. referring requestors back to the originators of the data for copies or assistance, active or passive quality/integrity monitoring, application of metadata, federated searching, dissemination of metadata, etc.
- Collect and archive major segments of at-risk digital geospatial data and images.
- Develop best practices for the presentation of archived digital geospatial data.
- Develop partner communication mechanisms for the project and then ongoing.
- Develop a series of policy agreements governing retention, rights management, obligations of partners, interoperability of systems, and exchange of digital objects.

II. Catalog record/metadata records – an example:
Metadata for The California Spatial Information Library (CaSIL)
- 3.7 terabytes of digital geospatial metadata. http://new.casil.ucdavis.edu/casil/
- phenomenal good luck in that the downloaded data had extensive and very well done FGDC metadata, which meant that the metadata is relatively easily ingested into the interface for NGDA, the Alexandria Digital Library Webclient; http://webclient.alexandria.ucsb.edu is current ADL interface; beta NGDA interface is at http://clients.alexandria.ucsb.edu/ngda/
- all that is required as far as original cataloging is concerned is that what ADL calls "collection-level metadata" is created at those points where ADL aggregates data in a higher-level way that CaSIL does not
- beginning of sample metadata record from CaSIL follows

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