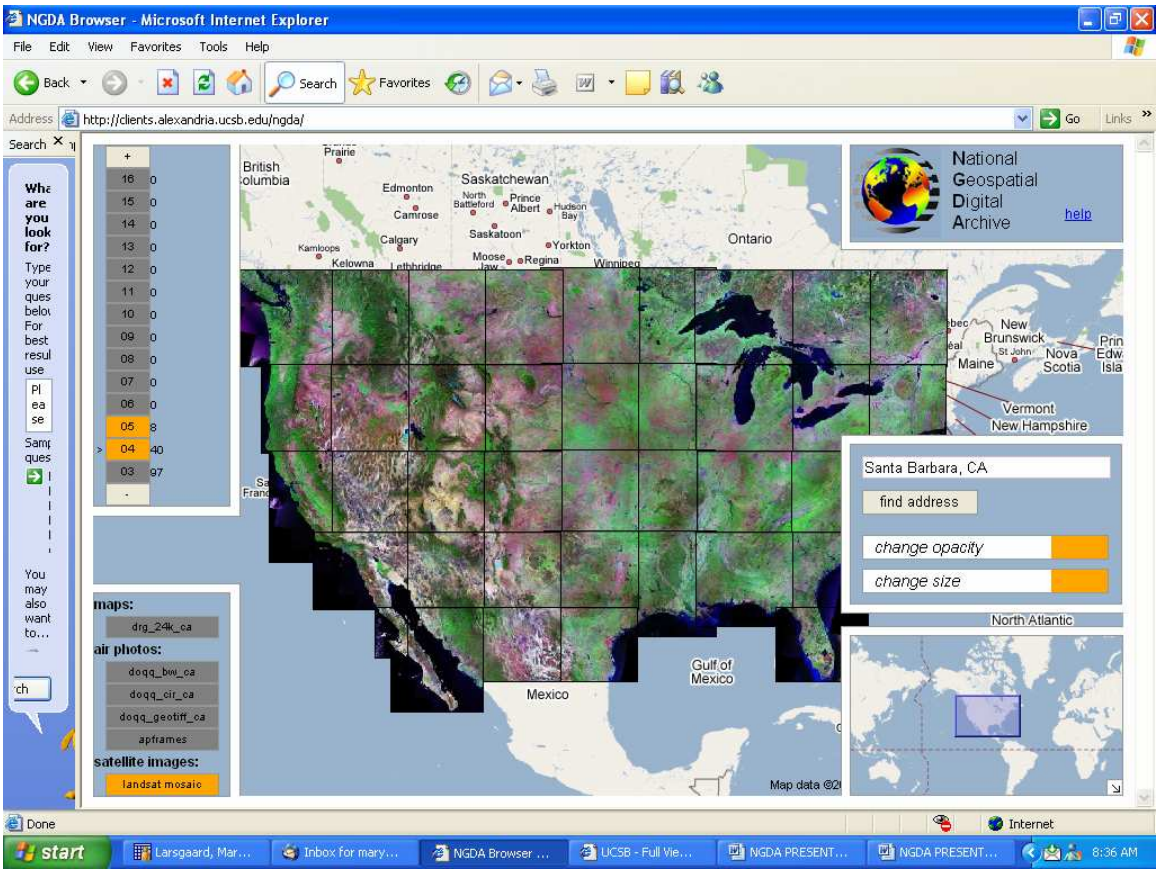
NATIONAL GEOSPATIAL DIGITAL ARCHIVE (NGDA)
Presentation to ALA MAGERT Federal Spatial Information Discussion Group Committee
Saturday, June 23, 2007

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. NGDA interface, the Alexandria Digital Library Webclient
http://webclient.alexandria.ucsb.edu is current ADL interface; beta NGDA interface – see below - is at http://clients.alexandria.ucsb.edu/ngda/



III. Digital geospatial data generated by Federal government agencies, as a first-collection - California Spatial Information Library (CaSIL)
- 3.7 terabytes of digital geospatial metadata. http://new.casil.ucdavis.edu/casil/
- CaSIL populated with digital geospatial data generated primarily by Federal government agencies and secondarily in terms of quantity by California state agencies
- parent directories: NGDA will retain this architecture/layout; e.g., natural_resources directory is mainly vector, remote-sensing is mainly raster data, maps is a mixture of vector and raster data; considerable ArcInfo files; FGDC metadata in XML

Index of /casil - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://new.casil.ucdavis.edu/casil/

CaSIL Home
CaSIL News
Data Collections
Frequently Asked Questions
Disclaimer
Help

GeoSpatial Applications

Environmental Information Catalog
Interactive Mapping
Imagery Acquisition Coordination
Survey

California Geo-spatial Organizations

California Mapping Coordinating Committee
California GIS Council
CERES
USGS
FGDC

Mirror Status

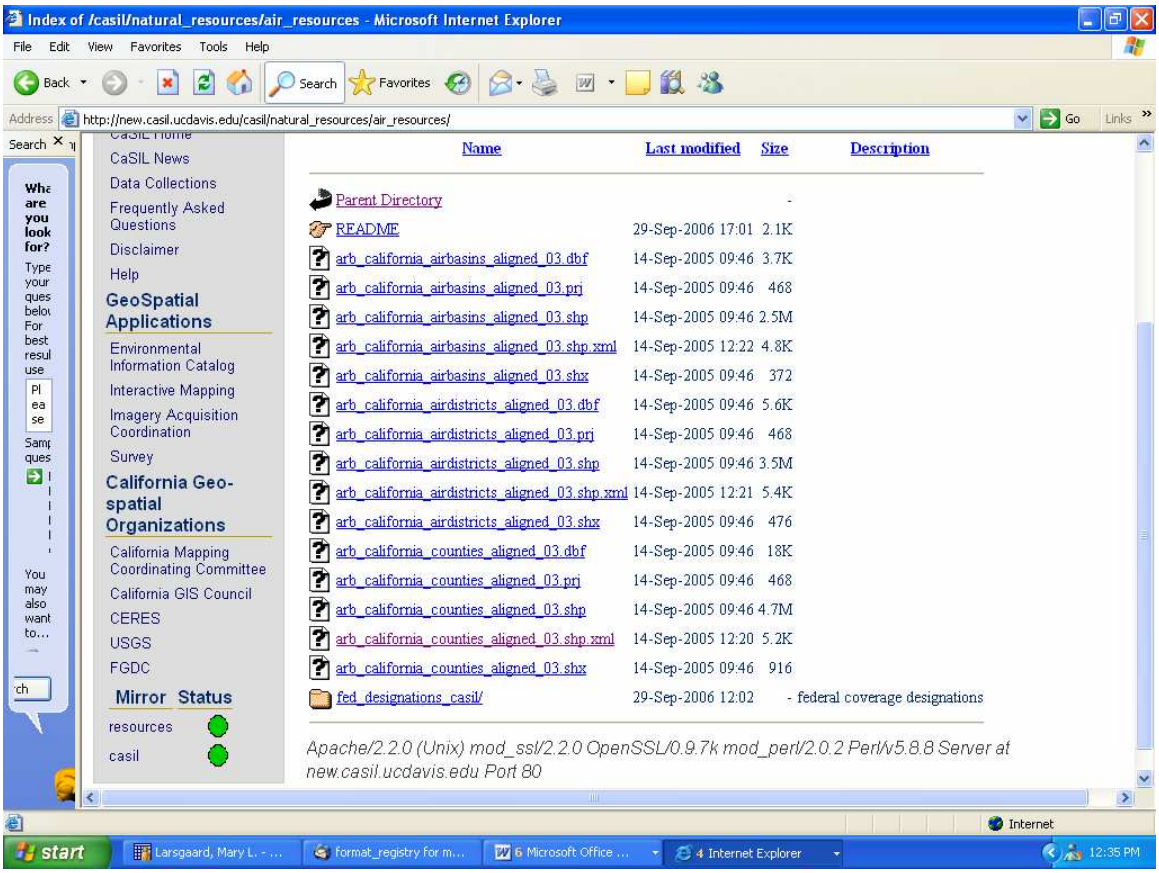
resources
casil

Name	Last modified	Size	Description
Parent Directory		-	
README	11-Oct-2006 11:12	427	
cultural/	02-Oct-2006 12:53	-	2000 US Census data
doc/	01-Nov-2006 12:12	-	Using CaSIL
etc/	19-Jan-2007 13:30	-	CEIC metadata, CaSIL Image Catalogs for ESRI, Rsync Lists, Website Data, Web Map Services
geopolitical/	15-Dec-2006 10:01	-	County Boundaries, Senate, Congressional, and Assembly Districts, Water Districts
health/	11-Oct-2006 10:21	-	Licensed Healthcare Facilities
hydrologic/	11-Oct-2006 13:32	-	major hydrologic features, watersheds, National Hydrography Dataset by SWCB
inland_waters/	11-Oct-2006 13:38	-	various flood managment districts
maps/	11-Oct-2006 11:12	-	Base Map of California, Digital Raster Graphics, Hillshades by DFG, NationalAtlas Info
natural_resources/	11-Oct-2006 11:12	-	Air Resources, Land Cover and Vegetation, and Land Ownership
remote_sensing/	12-Oct-2006 15:22	-	doq-mrsid, doq
transportation/	11-Oct-2006 11:12	-	National Highway Planning Network data, Census 2000 Data
uncategorized/	11-Oct-2006 11:12	-	

Apache/2.2.0 (Unix) mod_ssl/2.2.0 OpenSSL/0.9.7k mod_perl/2.0.2 Perl/v5.8.8 Server at

Internet

start | Larsgaard, Mary L. - ... | format_registry for m... | 6 Microsoft Office ... | 4 Internet Explorer | 12:32 PM



Above is 2 levels down; .xml files are generally (but not always) metadata.