

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

<http://www.ngda.org>

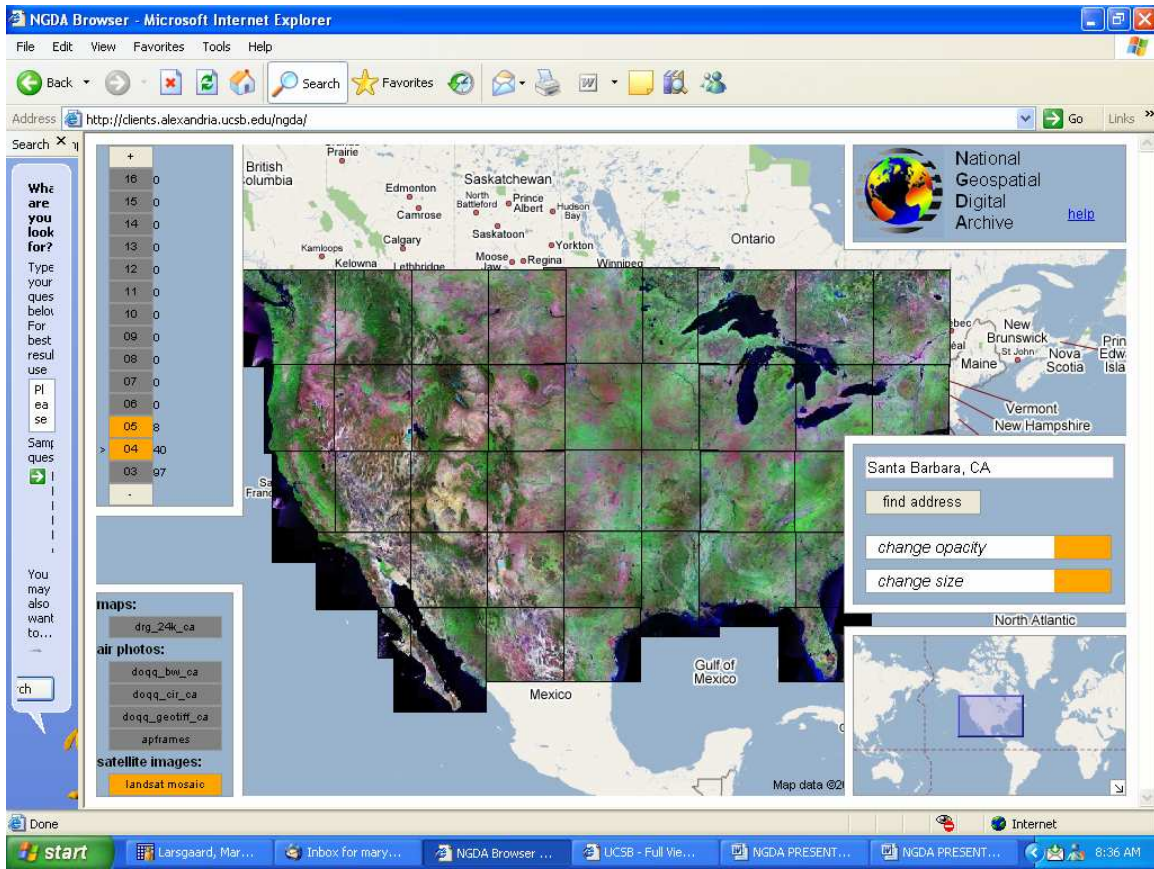
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I. Objectives of the project:

- 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

Back Forward Stop Refresh Home Search Favorites

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

Search X

Who are you looking for?

Type your ques below For best resul use.

Please

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You may also want to...

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Name	Last modified	Size	Description
Parent Directory	11-Oct-2006 11:12	427	
README	11-Oct-2006 11:12		
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/5.8.8 Server at

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 ●

Index of /casil/natural_resources/air_resources - Microsoft Internet Explorer

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

Name	Last modified	Size	Description
Parent Directory			
README	29-Sep-2006 17:01	2.1K	
arb_california_airbasins_aligned_03.dbf	14-Sep-2005 09:46	3.7K	
arb_california_airbasins_aligned_03.prj	14-Sep-2005 09:46	468	
arb_california_airbasins_aligned_03.shp	14-Sep-2005 09:46	2.5M	
arb_california_airbasins_aligned_03.shp.xml	14-Sep-2005 12:22	4.8K	
arb_california_airbasins_aligned_03.shx	14-Sep-2005 09:46	372	
arb_california_airdistricts_aligned_03.dbf	14-Sep-2005 09:46	5.6K	
arb_california_airdistricts_aligned_03.prj	14-Sep-2005 09:46	468	
arb_california_airdistricts_aligned_03.shp	14-Sep-2005 09:46	3.5M	
arb_california_airdistricts_aligned_03.shp.xml	14-Sep-2005 12:21	5.4K	
arb_california_airdistricts_aligned_03.shx	14-Sep-2005 09:46	476	
arb_california_counties_aligned_03.dbf	14-Sep-2005 09:46	18K	
arb_california_counties_aligned_03.prj	14-Sep-2005 09:46	468	
arb_california_counties_aligned_03.shp	14-Sep-2005 09:46	4.7M	
arb_california_counties_aligned_03.shp.xml	14-Sep-2005 12:20	5.2K	
arb_california_counties_aligned_03.shx	14-Sep-2005 09:46	916	
fed_designations_casil/	29-Sep-2006 12:02		- federal coverage designations

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 new.casil.ucdavis.edu Port 80

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