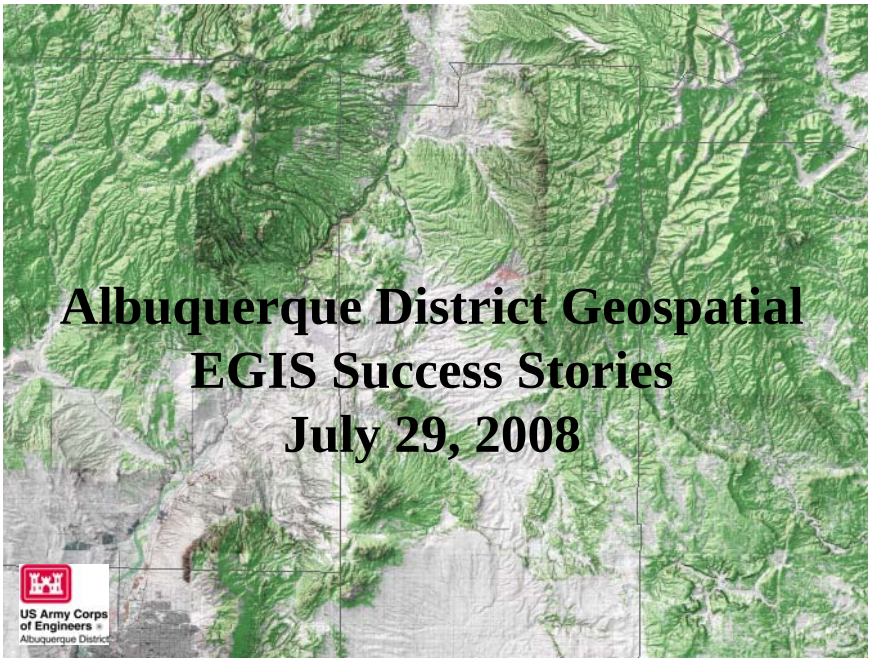

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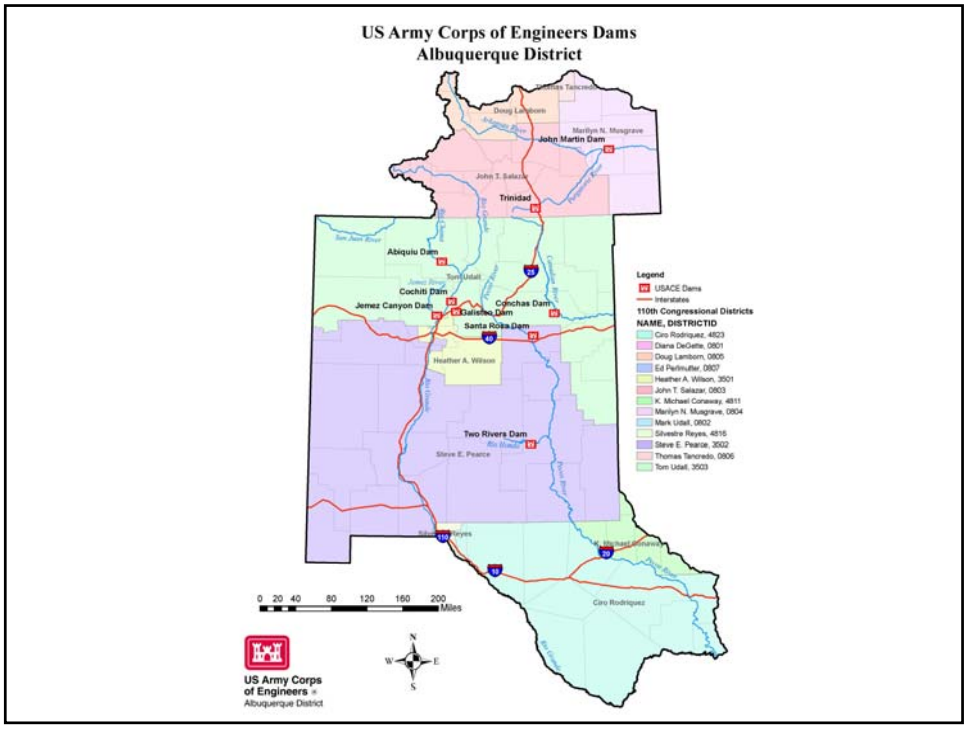
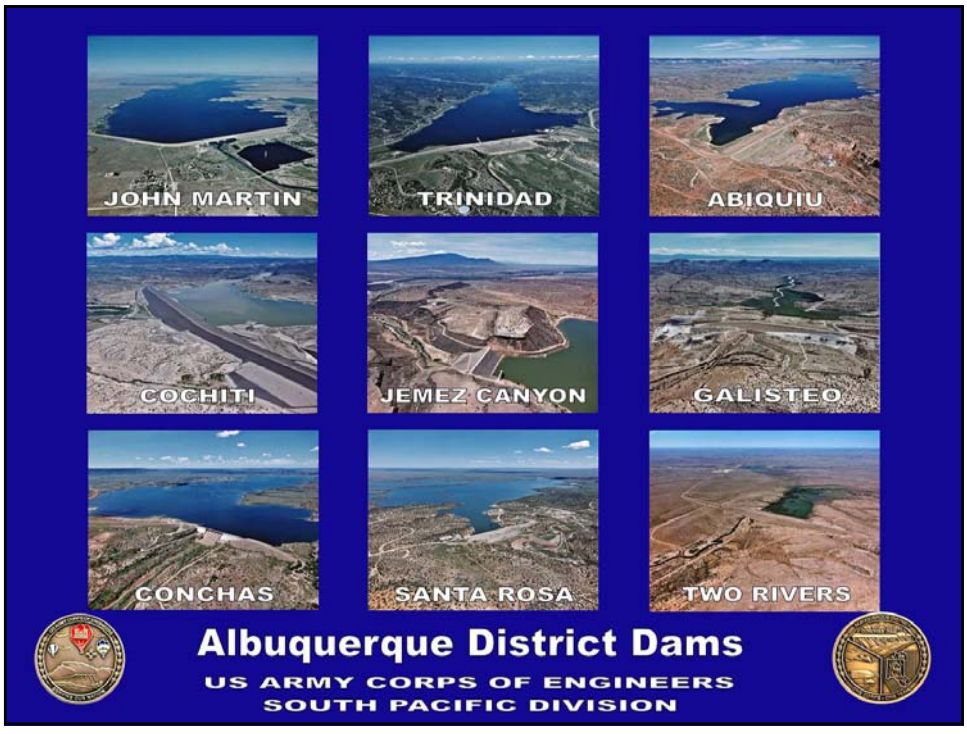
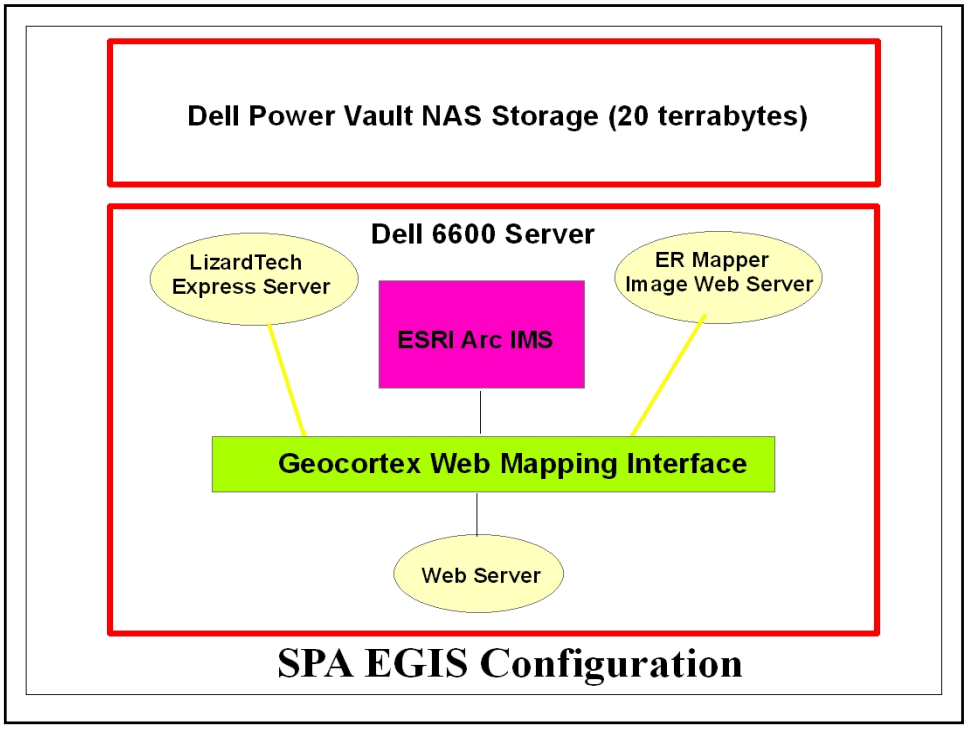

US Army Corps of Engineers Dams
Albuquerque District
John Martin Dam
Trinidad
Abiquiu Dam
Cochiti Dam
Jemez Canyon Dam
Galisteo Dam
Conchas Dam
Santa Rosa Dam
Two Rivers Dam
Legend
USACE Dams
Interstates
110th Congressional Districts
NAME, DISTRICTID
Ciro Rodriquez, 4823
Diana DeGette, 0801
Doug Lamborn, 0805
Ed Perlmutter, 0807
Heather A. Wilson, 3501
John T. Salazar, 0803
K. Michael Conaway, 4811
Marilyn N. Musgrave, 0804
Mark Udall, 0802
Silvestre Reyes, 4816
Steve E. Pearce, 3502
Thomas Tancredo, 0806
Tom Udall, 3503
0 20 40 80 120 160 200
Miles
US Army Corps of Engineers
Albuquerque District


JOHN MARTIN
TRINIDAD
ABIQUIU
COCHITI
JEMEZ CANYON
GALISTEO
CONCHAS
SANTA ROSA
TWO RIVERS
Albuquerque District Dams
US ARMY CORPS OF ENGINEERS
SOUTH PACIFIC DIVISION



Objectives of Alb. District eGIS

- Integrate Disparate Data Bases Into District Intranet Mapping System (IMS)
- Make District-wide Data Holdings Available to All District Personnel via Intranet Browser Interface
- Make Focused Data Holdings Available To Field Offices (Color Imagery, Data Inventories, etc.)
- Add Features to Increase Utility
- Integrate Related Geospatial Technologies (e.g., GPS)
- Train Corps Personnel In The Use of The System

EGIS Issues Successfully Addressed in FY07-08

- **Anticipating Growing Amount of Storage Needed for New Imagery SPA NAS was Expanded to 22 Terra bytes at Begining of FY07**
- **FY07-08 Alb District saw the receipt of over 1 million dollars of Imagery data sets through networked agency relationships (No cost to the Corps)**
- **Invested In Image Serving Software Tools to Process and Distribute Data for Projects (LizardTech Express Server & ER Mapper Image Web Server)**
- **GIS/CADD Interoperability – "Bentley Map" Product Used For Translations**
- **Building up Data for Operations Projects, e.g., Fee Zones & Flowage Easement Boundaries and Infrastructure (GPS Field Mapping Initiated July 08)**
- **Added Features – e.g., Image Export, KML Extract, Image Comparison Viewing Tools**
- **Exploring Hooks to ORM, Real Estate, Document Image Management**
- **Train Corps Personnel In The Use of The System**

US Army Corps of Engineers
Albuquerque District

Step 1: Learn to Use the Maps

We recommend looking at the following prior to launching a map:
- Quick tutorial
- Examine our copyright policy and disclaimer

Step 2: Launch the Map

This site uses the **Geocortex IMF** Map Viewer.

Launch Map Viewer

Note: If you use anti-popup software, you must temporarily disable it while you use this site.

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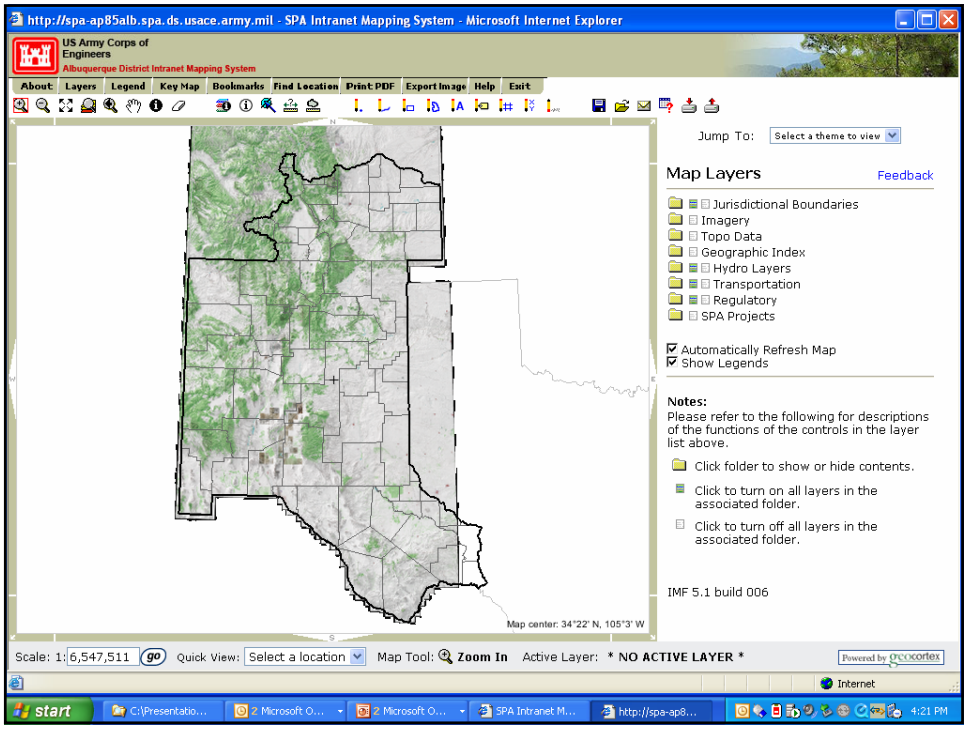
http://spa-ap85alb.spa.ds.usace.army.mil - SPA Intranet Mapping System - Microsoft Internet Explorer
US Army Corps of Engineers
Albuquerque District Intranet Mapping System
About
Layers
Legend
Key Map
Bookmarks
Find Location
Print PDF
Export Image
Help
Exit
Jump To:
Select a theme to view
Map Layers
Feedback
Jurisdictional Boundaries
Imagery
Topo Data
Geographic Index
Hydro Layers
Transportation
Regulatory
SPA Projects
Automatically Refresh Map
Show Legends
Notes:
Please refer to the following for descriptions of the functions of the controls in the layer list above.
Click folder to show or hide contents.
Click to turn on all layers in the associated folder.
Click to turn off all layers in the associated folder.
IMF 5.1 build 006
Map center: 34°22' N, 105°3' W
Scale: 1: 6,547,511
go
Quick View: Select a location
Map Tool: Zoom In
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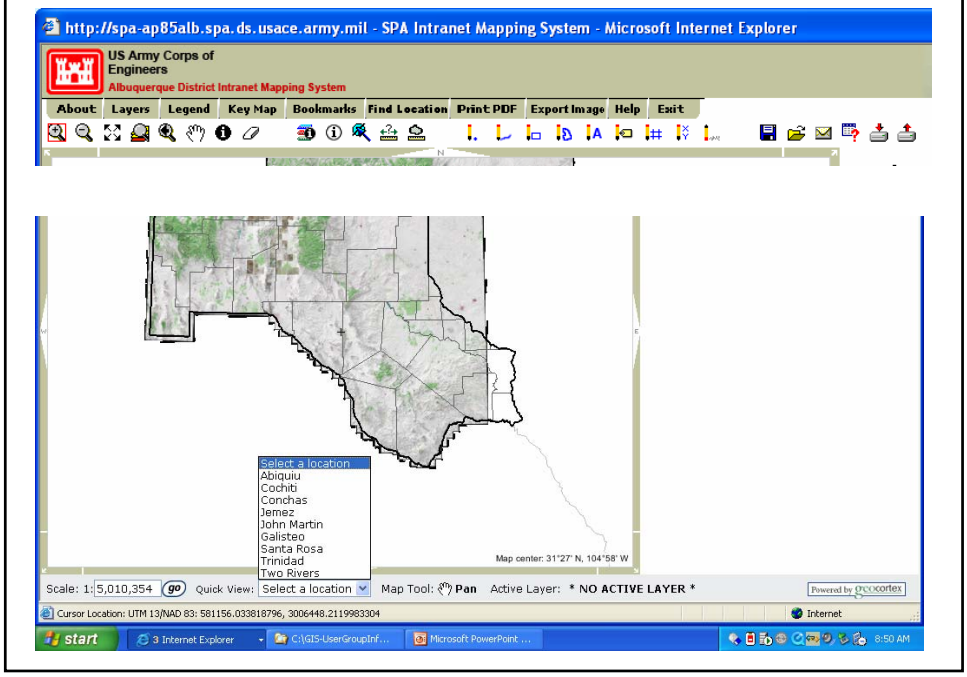
Powered by geocortex
Internet
start
4:21 PM


http://spa-ap85alb.spa.ds.usace.army.mil - SPA Intranet Mapping System - Microsoft Internet Explorer
US Army Corps of Engineers
Albuquerque District Intranet Mapping System
About
Layers
Legend
Key Map
Bookmarks
Find Location
Print PDF
Export Image
Help
Exit
Select a location
Abiquiu
Cochiti
Conchas
Jemez
John Martin
Galisteo
Santa Rosa
Trinidad
Two Rivers
Map center: 31°27' N, 104°58' W
Scale: 1: 5,010,354
go
Quick View: Select a location
Map Tool: Pan
Active Layer: * NO ACTIVE LAYER *
Powered by geocortex
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Internet
start
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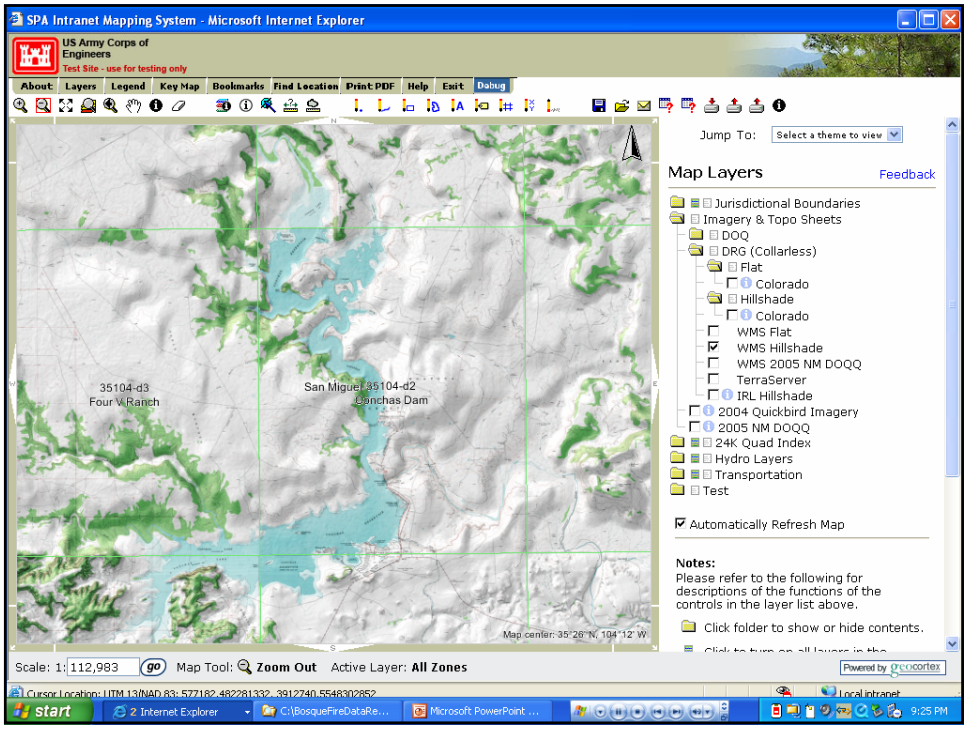
C:\GIS-UserGroupInf...
Microsoft PowerPoint ...
8:50 AM


SPA Intranet Mapping System - Microsoft Internet Explorer
US Army Corps of Engineers
Test Site - use for testing only
About
Layers
Legend
Key Map
Bookmarks
Find Location
Print PDF
Help
Exit
Debug
Jump To:
Select a theme to view
Map Layers
Feedback
Jurisdictional Boundaries
Imagery & Topo Sheets
DOQ
DRG (Collarless)
Flat
Colorado
Hillshade
Colorado
WMS Flat
WMS Hillshade
WMS 2005 NM DOQQ
TerraServer
IRL Hillshade
2004 Quickbird Imagery
2005 NM DOQQ
24K Quad Index
Hydro Layers
Transportation
Test
Automatically Refresh Map
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Four V Ranch
San Miguel 35104-d2
Conchas Dam
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go
Map Tool: Zoom Out
Active Layer: All Zones
Powered by geocortex
start
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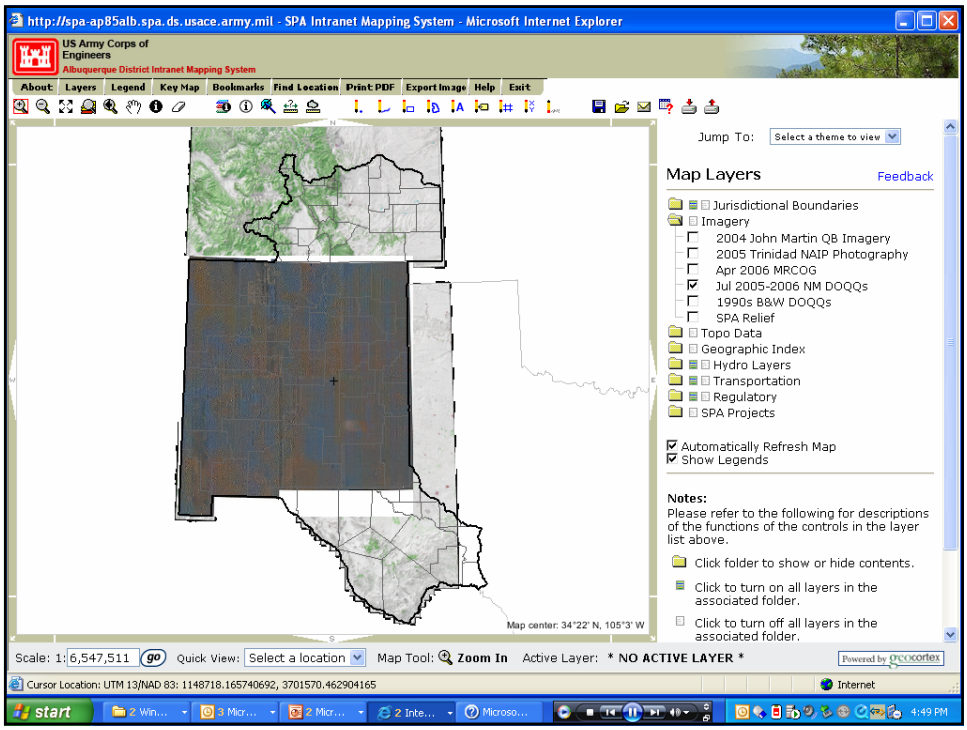
http://spa-ap85alb.spa.ds.usace.army.mil - SPA Intranet Mapping System - Microsoft Internet Explorer
US Army Corps of Engineers
Albuquerque District Intranet Mapping System
About
Layers
Legend
Key Map
Bookmarks
Find Location
Print PDF
Export Image
Help
Exit
Jump To:
Select a theme to view
Map Layers
Feedback
Jurisdictional Boundaries
Imagery
2004 John Martin QB Imagery
2005 Trinidad NAIP Photography
Apr 2006 MRCOG
Jul 2005-2006 NM DOQQs
1990s B&W DOQQs
SPA Relief
Topo Data
Geographic Index
Hydro Layers
Transportation
Regulatory
SPA Projects
Automatically Refresh Map
Show Legends
Notes:
Please refer to the following for descriptions of the functions of the controls in the layer list above.
Click folder to show or hide contents.
Click to turn on all layers in the associated folder.
Click to turn off all layers in the associated folder.
Map center: 34°22' N, 105°3' W
Scale: 1: 6,547,511
go
Quick View:
Select a location
Map Tool: Zoom In
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start
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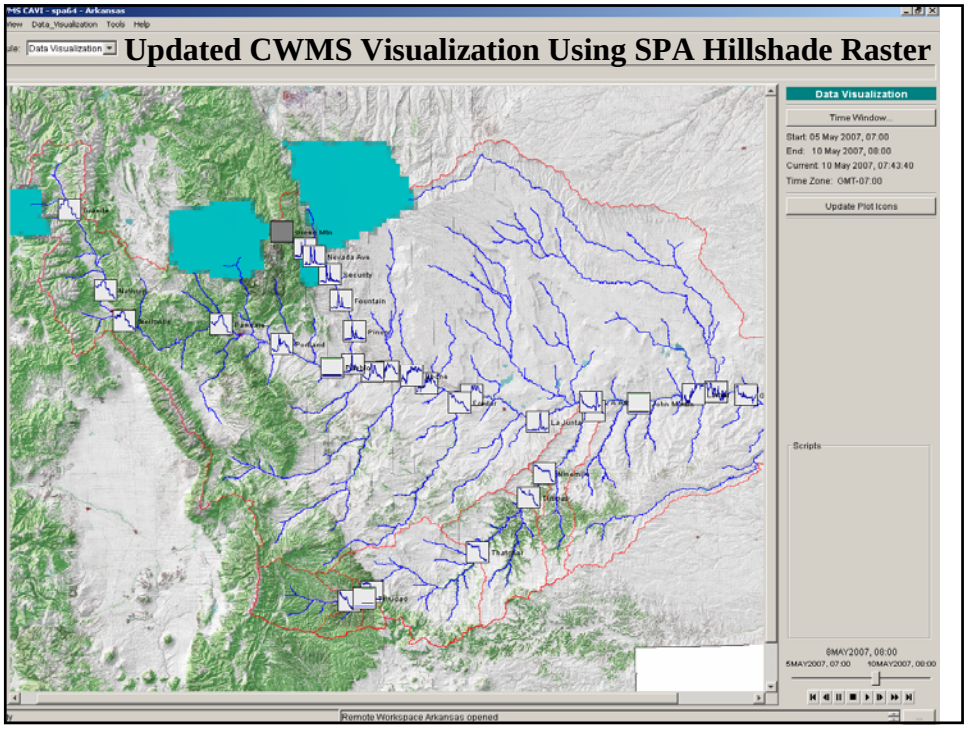
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Data Visualization
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Update Plot Icons
Scripts
8MAY2007, 08:00
5MAY2007, 07:00
10MAY2007, 08:00
Remote Workspace Arkansas opened

Google Earth EC
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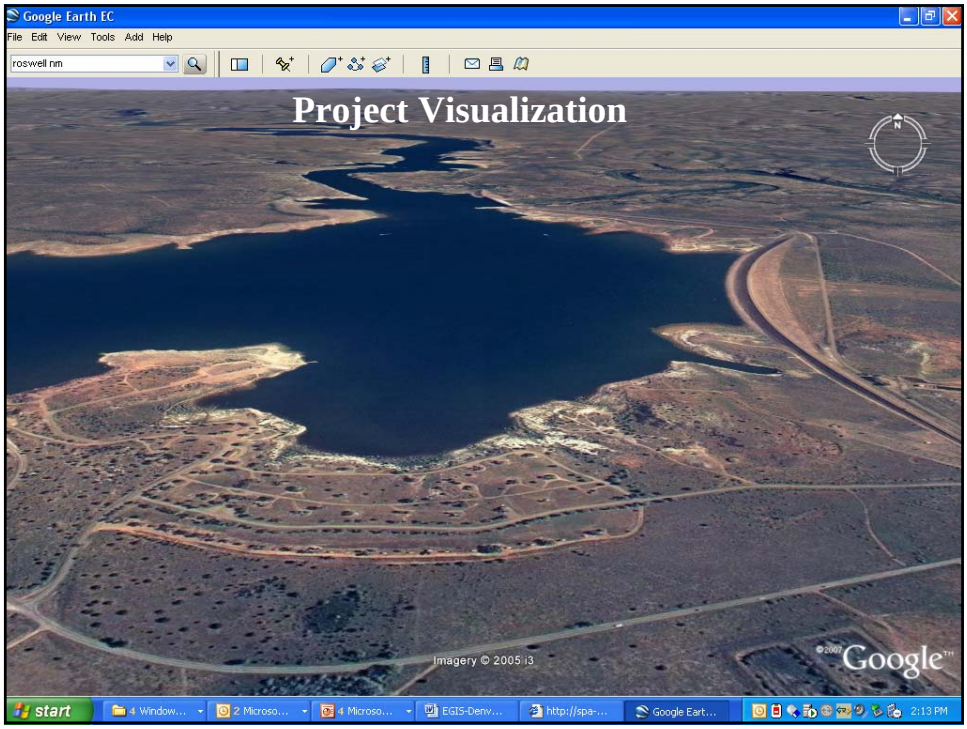
Imagery © 2005 USGS
Imagery © 2005 i3
©2007 Google™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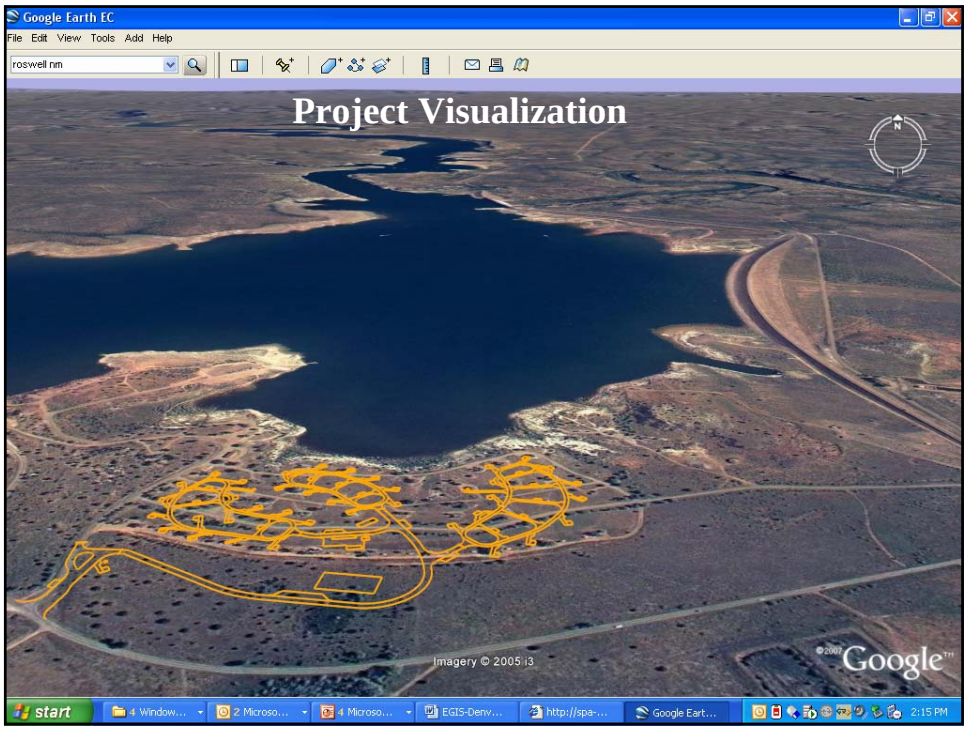
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©2007 Google™
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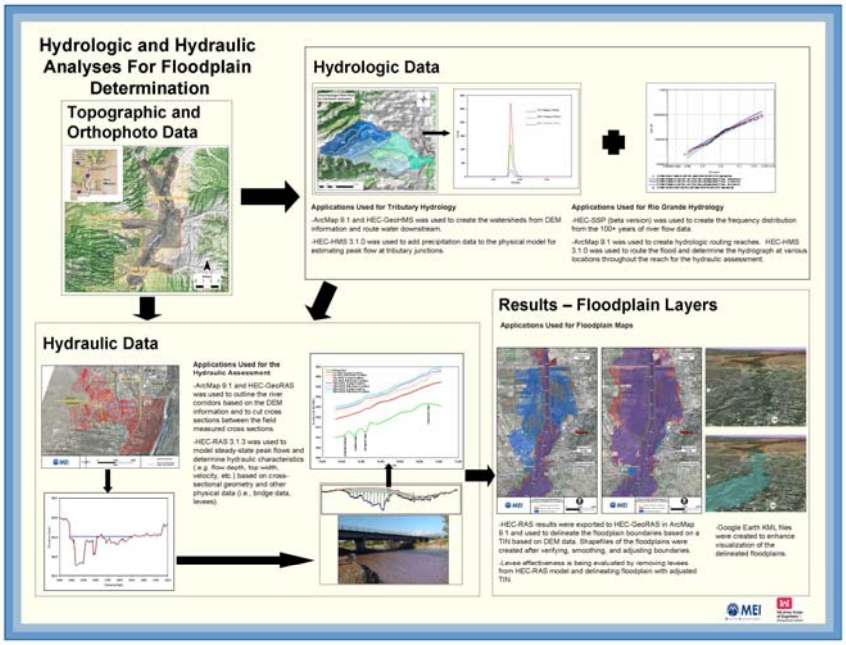
Google Earth Used for Modeling Results Visualization



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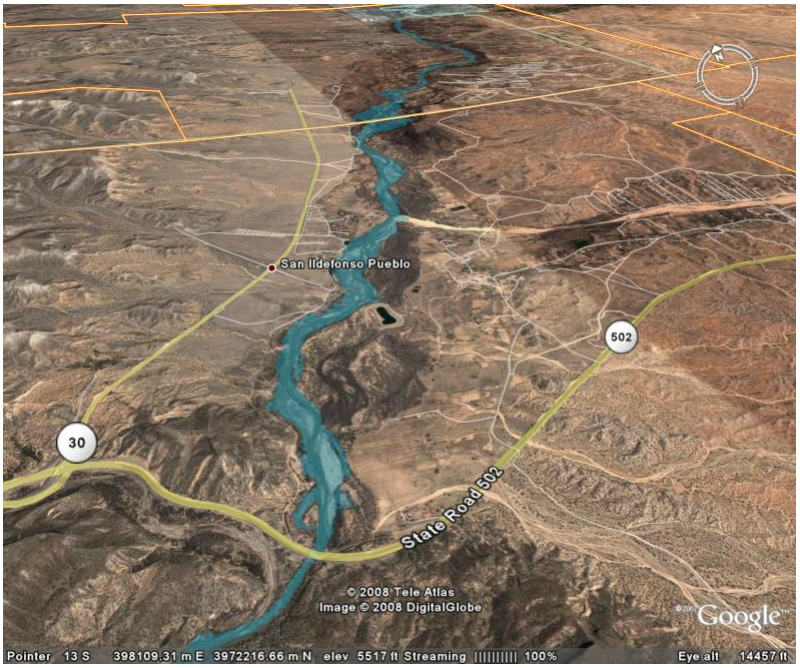
San Ildefonso Pueblo
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502
State Road 502
© 2008 Tele Atlas
Image © 2008 DigitalGlobe
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Pointer 13 S 398109.31 m E 3972216.66 m N elev 5517 ft Streaming 100%
Eye alt 14457 ft

5Yr

San Ildefonso Pueblo
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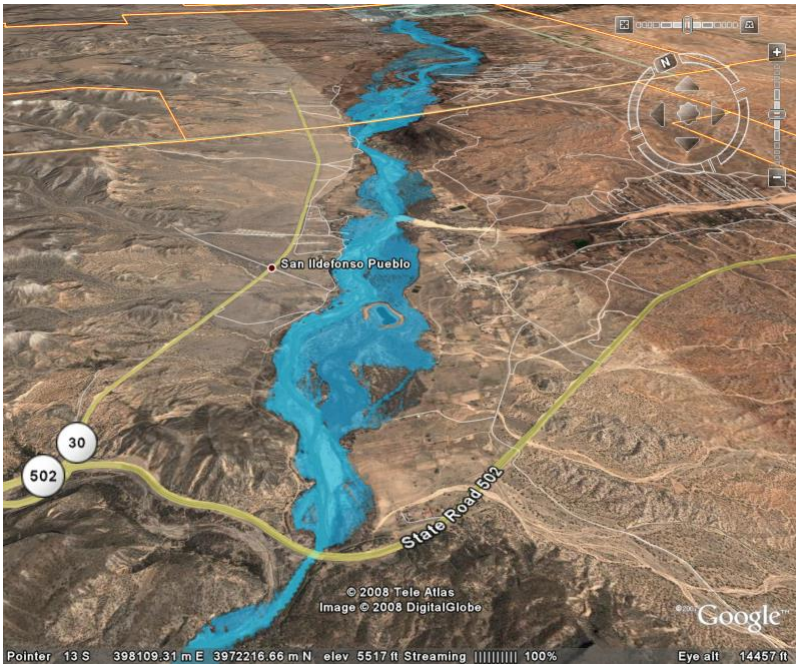
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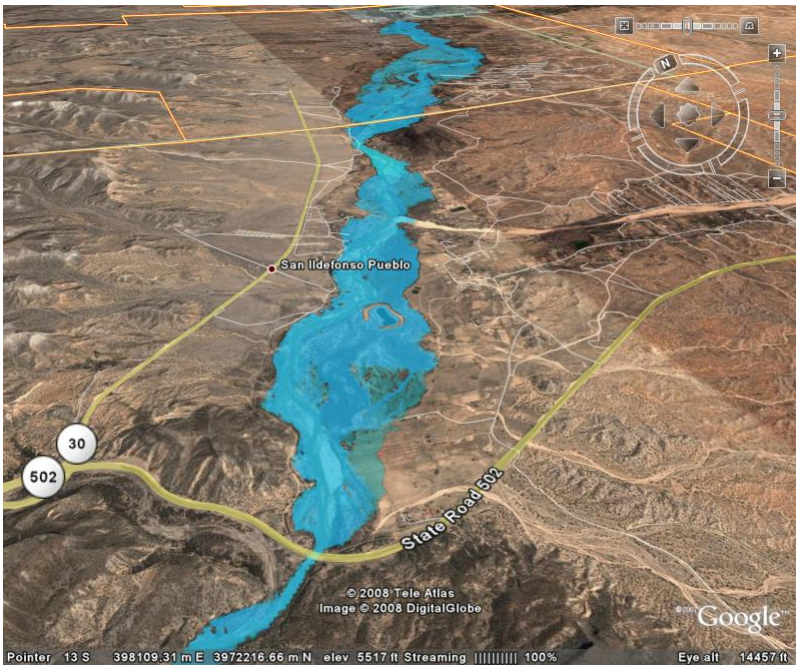
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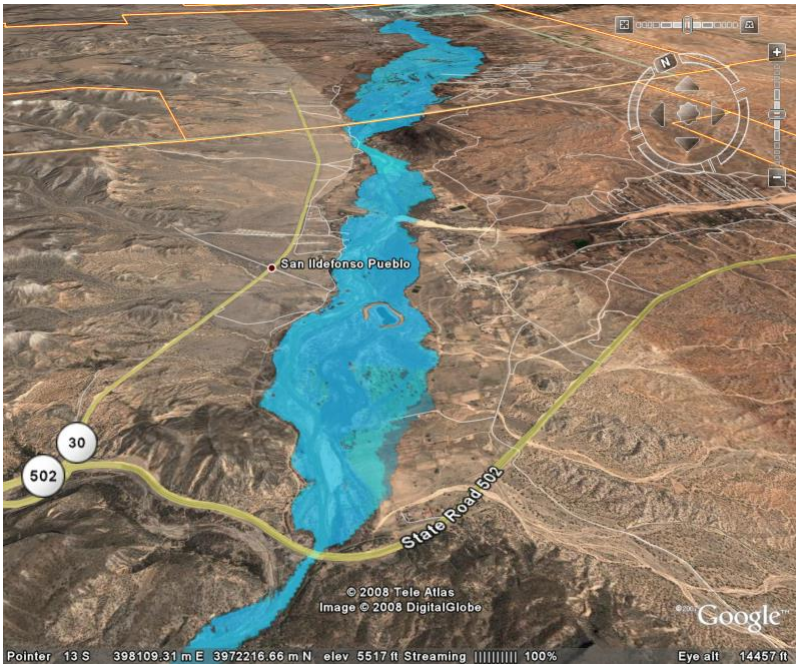
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State Road 502
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Eye alt 14457 ft

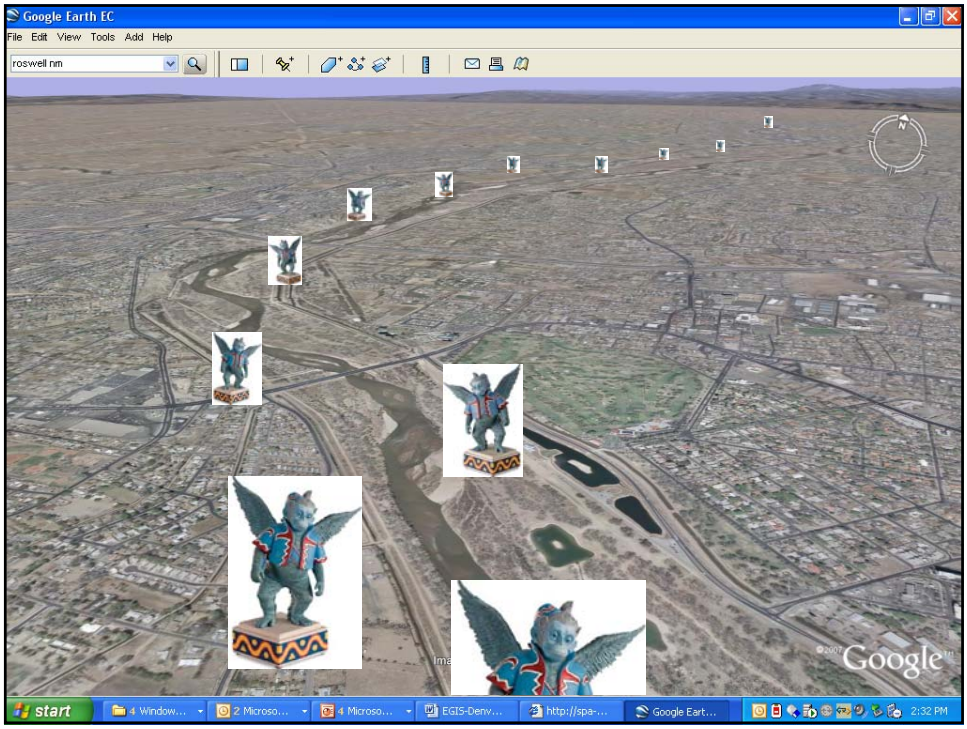
Albuquerque District Geospatial EGIS Success Stories:

New Species Mapping

US Army Corps of Engineers
Albuquerque District

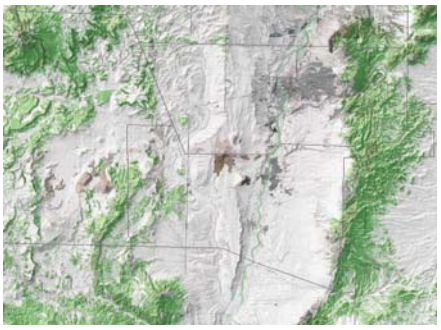
Rio Monkus DeFlylo

US Army Corps of Engineers
Albuquerque District



Alb. District Geospatial One-Stop Web Page

- **In-House Data:**
  - Imagery – Historical & Current
  - Vectors – Dynamap, Etc.



- **Useful Outside Data Links:**
  - FEMA
  - RGIS
  - NOAA
  - ARMS
  - USGS
- **Useful Tools:**
  - Corps Con
  - Microstation Geographics
  - X-Tools
  - MrSID Viewers
  - ER Mapper Viewers – Comparison & Rapid Image Viewer
  - GPS - Garmin, Trimble
  - Etc.
- **District Site Links:**
  - Bosque Revive & Bosque Fire Risk Sites
  - FUDS
  - Etc.

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Albuquerque District

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Biggest Challenges

- **Identify district challenges in the use of advanced GIS tools?**
  - **Educating Managers in the value of the investment**
  - **Educating ACE-IT Leadership (Function as a support group)**
  - **Educating Users (Using the WOW! Factor)**
  - **Resolving RF5022 expense distribution issues (No Charge to "Overhead" vs Direct Charge to projects with a 1-3% add on to hourly labor rates**
  - **Keeping up with Related Advanced Technologies e.g., Oracle applications**
  - **Integration of applications i.e., ORM, REMIS, P2**
- **What are the obstacles you must overcome?**
  - **Obtaining "By In" from the Majority of the Corporate Board**

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Albuquerque District

District eGIS Vision

- What will your district eGIS look like in 3 years?
  - A fast performing queryable geospatially based system integrating Natural Resource study needs, Real Estate needs, Regulatory needs, Administrative tracking needs (P2), Document Image Management needs.
- How would you describe eGIS in 2011?
  - Fully integrated, Fast to query and retrieve