

Interior Enterprise Architecture (IEA)

Department of Interior Geospatial Blueprint and Line of Business Activities and OSM's Role

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NCMGC Implications

- Why care?
 - ▶ OSM stakeholders will be impacted by changes in DOI geospatial policy and structure (e.g. budget, data acquisition and access, input to national datasets)

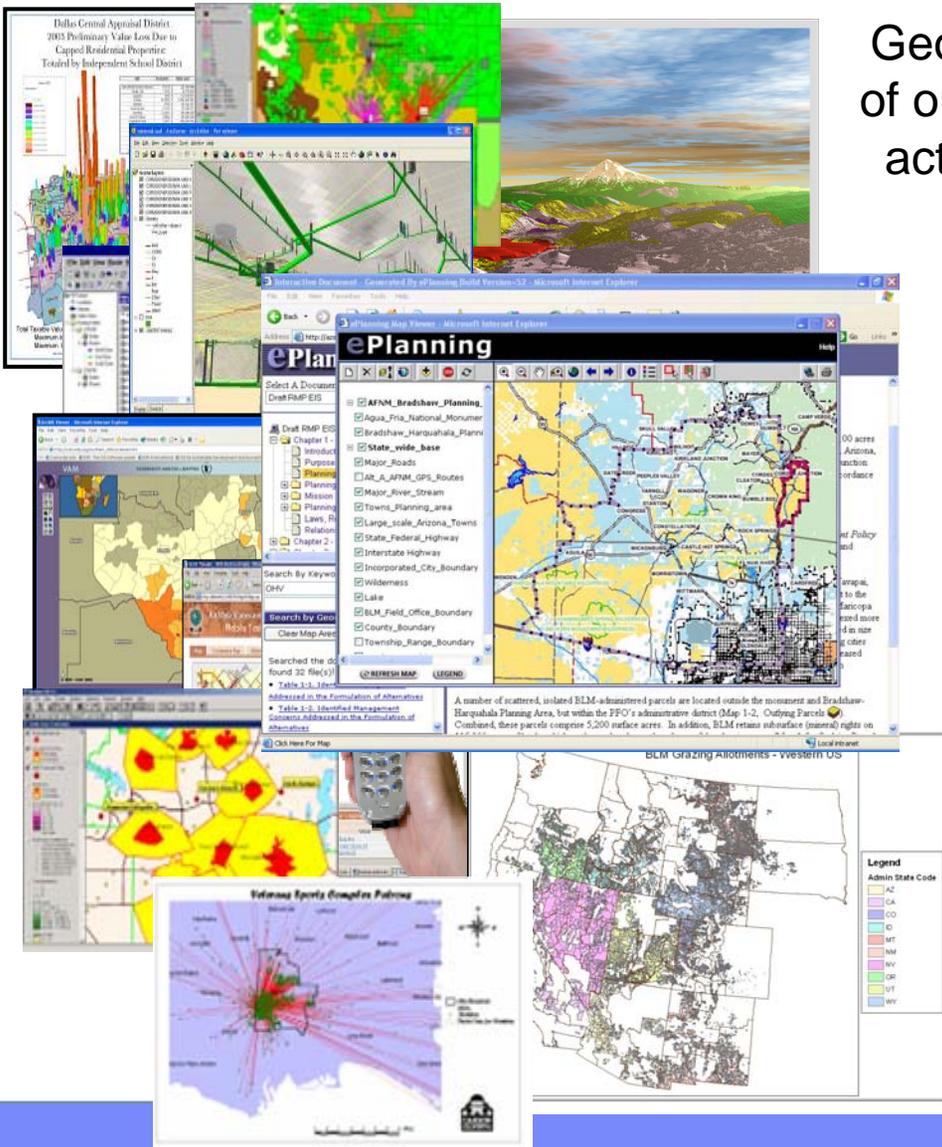
- How can you benefit?
 - ▶ Users can expect more authoritative, up-to-date data sets with one-stop shopping (e.g. GOS, Imagery for the Nation)

- Will SMCRA implementation be affected?
 - ▶ Easier access to imagery and standardized thematic data layers nationwide for SMCRA GIS analysis tasks

Geographic information is a foundation of our mission, administration, planning, activities, operations, and IT Systems

Used in:
Distribution of Budget
Reporting Performance
Frame of Reference for
Customers and Stakeholders

Monitoring Data and Results
Use Authorization
Decision Support
Fire Planning, Attack, and Rehab
Responding to Emergencies
Change Detection and Management
Land Use Planning
Resource Analysis
Impact Assessment
Alternative Formulation
Managing Facilities and Assets
Natural Resources Location
Displaying Demographics and Economics
Land Records Management





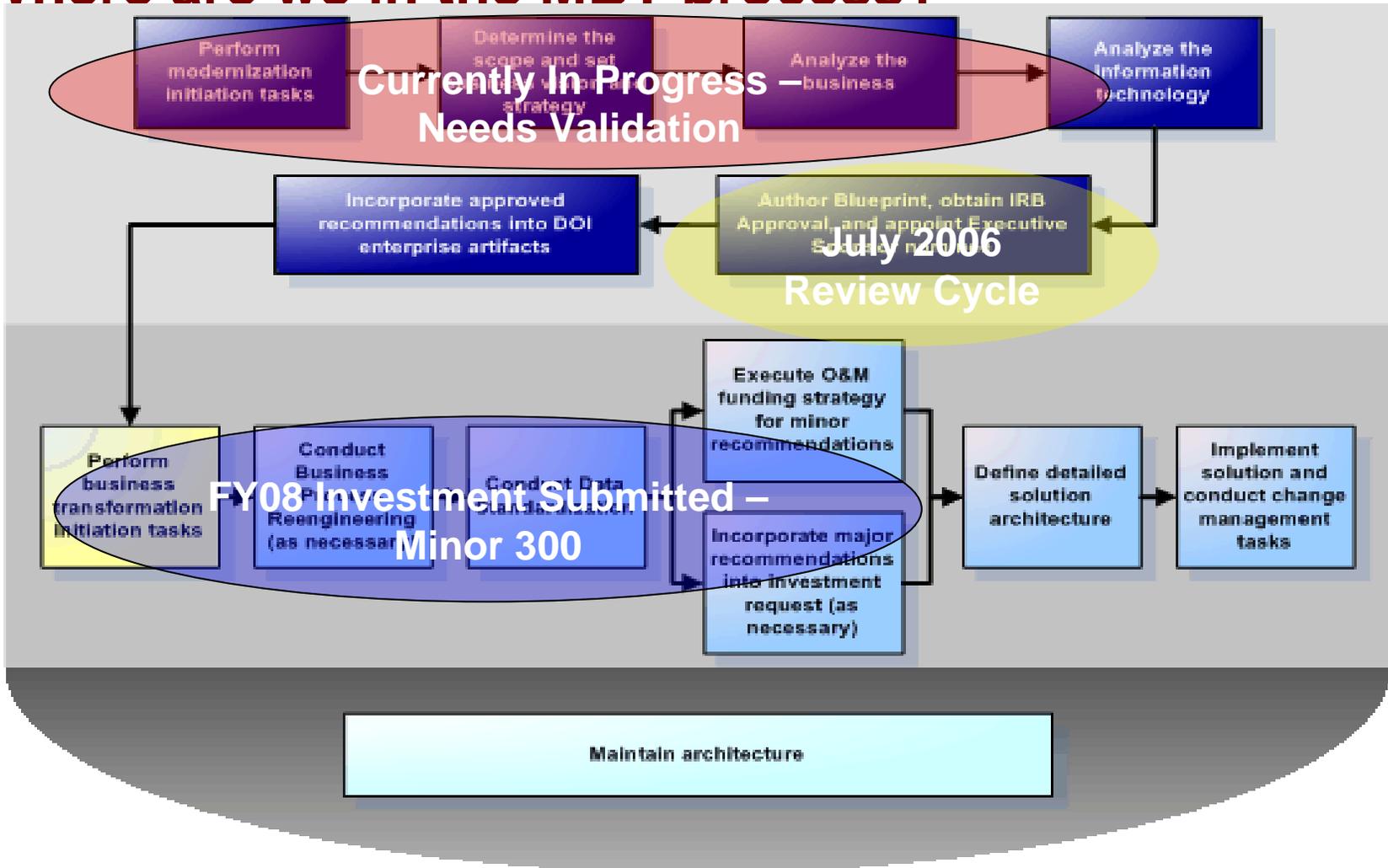
Major Tasks

<p>Description</p>	<ul style="list-style-type: none"> ▪ USGS manages EGIM Team with all Bureaus participating ▪ EGIM Team responds to RFI for DOI ▪ Prepare spreadsheet of assets to DOI EGIM Team ▪ Complete DOI portion of Federal Business Case ▪ Prepare Business Case for Entire Federal Government
<p>Delivery Dates</p>	<ul style="list-style-type: none"> ▪ 5/15/06 – submit RFI response ▪ 6/5/06 – submit draft Business Case and Bureau inventory to DOI ▪ 6/12/06 – disseminate draft to agencies for comment ▪ 6/19/06 – agency comments due ▪ 7/06 DOI Geospatial Blueprint Complete ▪ Early Aug. '06 – final business case ready

DOI Blueprint



Where are we in the MBT process?





FY08 Investment Submission

- ▶ Implement geospatial governance to develop and manage policy, blueprint implementation, data, infrastructure and services life cycle and investment portfolio.
- ▶ Establish authoritative data source designation for DOI owned and managed data particularly for resource management, law enforcement, recreation, facilities, and fire.
- ▶ Enterprise license agreements for geospatial software such as ERDAS, Autodesk and Trimble and geospatial data sources such as NatureServ or Navteq.
- ▶ Designation of non-DOI authoritative data sources to ensure availability of robust, standards-based geospatial data sets meeting business needs of Interior, e.g. OMB contract for road data



Draft - DOI High Level Business Services with Geo Enablement

- Geo Work-Flow
- Assessment Services (multiple subject areas)
- Inventory Services
- Monitoring Services
- Permitting Services
- Inspection Services
- Emergency Response, Incident Response (Law, Wildland Fire)
- Treatments – Fire, Range, Wetlands etc...
- Planning Services
 - ▶ NEPA, Work Planning, RMP, Landuse, Science, Facilities, Recreation etc...
 - ▶ Performance Management and Reporting Services
- Facilities Services
- Analytical Services – Fuels, Vegetative, Flood etc...
- Publication Services
- Title/Ownership
- Use Authorization
- Engineering/Facilities Site Planning and Maintenance



FY08 Investment Submission (cont)

- ▶ In accordance with A-16, establishment of service level agreements with BLM's National Integrated Land System (NILS) to be the department-wide land management application will eliminate duplicate services that now exist in several other Bureaus and provide a common cost-cutting capability for Facilities, FBMS, NEPA, Systems etc...the public and local and state governments.
- ▶ Establish DOI-wide facility locations and associated services for cross cutting support to Disaster Management, Land and Resource Management, Recreation, HR and Finance
- ▶ Investment in Key Datasets: Long term savings will result from completion and life cycle management of key geospatial data sets required to meet identified business needs of Interior (wetlands, roads and trails, and facilities), that enable managers to make improved management decisions.
- ▶ Alter business practices to Leverage Geospatial One-Stop (GOS or GEODATA.gov) for key DOI services and data eliminating future duplication - a fundamental business process improvement.

Reviewing OMB Geo Line of Business

What is the status?



Major Components of OMB Geo LoB

- Request for Information (RFI)
- Agency Data Call
- User Scenarios
 - ▶ Emergency Response, Science and Operations
- Common Solution Technical Architecture
 - ▶ Goals, Objectives
 - ▶ Concept of Operations
 - ▶ Common Solution
 - ▶ Architecture
 - ▶ Transition Plan
- Joint Business Case



DOI Response to OMB LoB Data Call

- Data call results from Bureaus were submitted 6/15
- Data will be used in the Blueprint process to confirm investment, system and program understanding.



Potential Geospatial Assets

- % of Hardware used for Systems with Geospatial Capability
- GIS/RS Hardware
- All GIS/RS Software
- Data (Especially National Sets)
- Data Management
- Other Tools (data collection tools, scripts, extensions, Decision Support Systems)
- Personnel, FTE



■ Cons

- ▶ Millions of dollars could be taken from Agencies
- ▶ Loss of positions and capability
- ▶ Loss of Bureau/Agency control of HW, SW, some data
- ▶ Final approval on data standards for resource and minerals programs given to a larger organization
- ▶ Fragmentation of geospatial capabilities in our Bureau IT
- ▶ GIS may not be recognized as more than a mapping tool. We use it for inventory, modeling, analysis in all our business programs
- ▶ Since GIS is integrated into our day-to-day work we cannot go “outside” for GIS analysis or support
- ▶ Agencies have many unique value-added data above base information
- ▶ May lose capabilities in-house to meet mission requirements
- ▶ Others may not have an understanding of our mission and GIS/Data requirements



■ Pros

- ▶ Greater efficiency of government
- ▶ Reduction of redundancy
- ▶ Faster development of data standards
- ▶ More emphasis on and support for GIS
- ▶ Future improvements in architecture
- ▶ More available base data



Crosswalk Assessment: OMB to DOI Preliminary Solutions

DOI Solution	Suggested OMB Common Solution	Impact Resolution
Planning Requirements Management	Strategy - CS 2: - Coordinated Acquisition, Budget Planning and Labor Cost Avoidance	Develop Enterprise DOI Business processes to support OMB Requirements Management Concept
Geo Information Maturity Strategy	Strategy - CS 2: - Coordinated Acquisition, Budget Planning and Labor Cost Avoidance AND Governance - CS -1: Enhance Performance Accountability and Compliance Mechanisms	Develop list of Core DOI Assets (Wetland, NILS) that are candidates for cross program benefit. Complement OMB Framework data. Authoritative Data Sources
Common Geo Services	Optimization – CS - 3: Widespread Adoption of Shared and Reusable Geospatial and Geo-enabled Business, Data and Services	Focus on DOI work processes and getting CORE DOI Service Assets coordinated cross program. (see associated list)
Governance, Managing Enterprise Geo Assets	Governance – CS-1: Enhance Performance Accountability and Compliance Mechanisms – Portfolio Management	Will work to develop a DOI Governance model that is coupled to the existing DOI Governance Structure and the Targeted OMB model
Communication	Governance – CS-1: Enhance Performance Accountability and Compliance Mechanisms	Alter communication strategy to include targeted governance model roles and messages.

OMB Common Geo Solutions

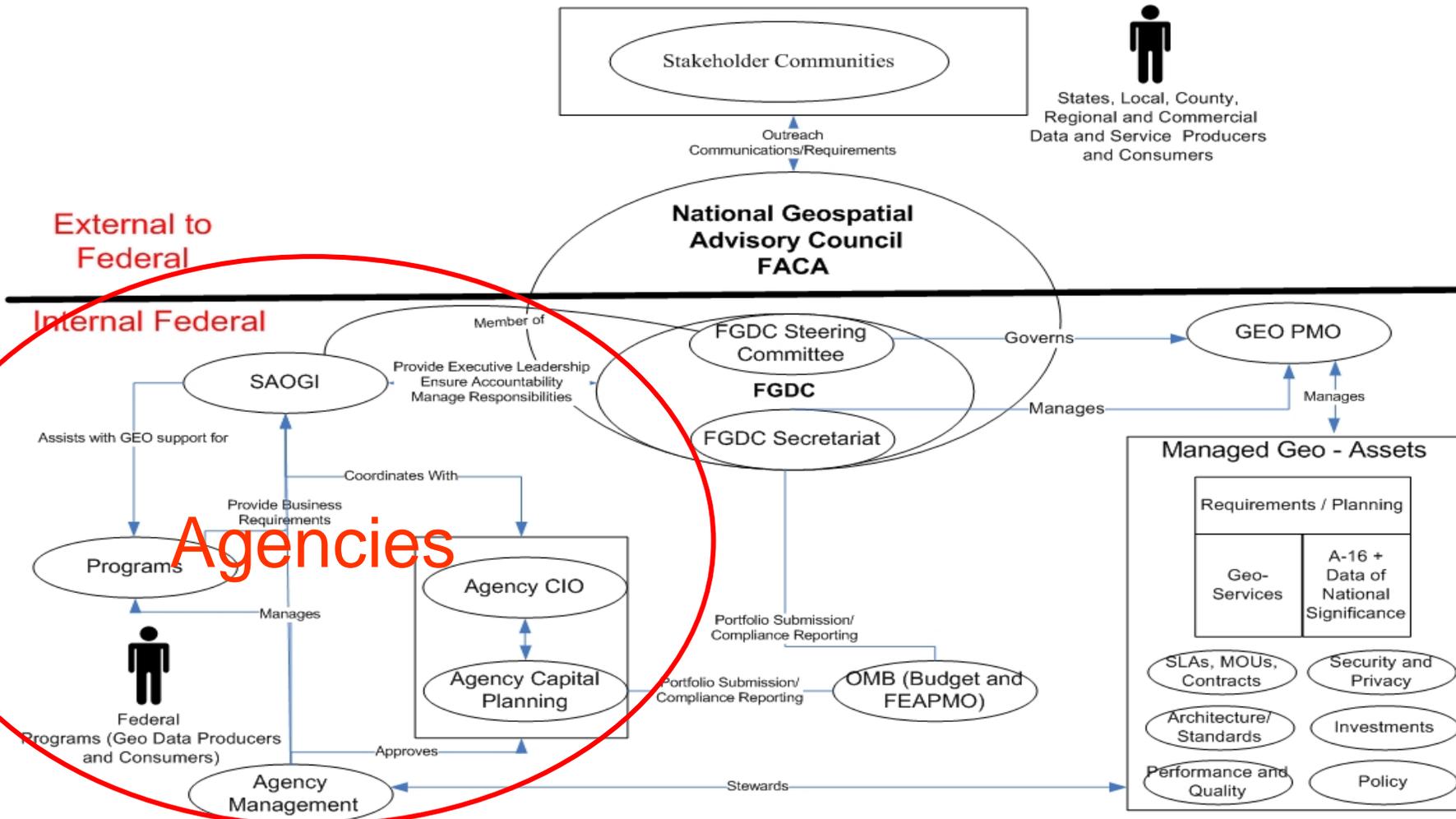
What are they?

What does it mean to DOI?



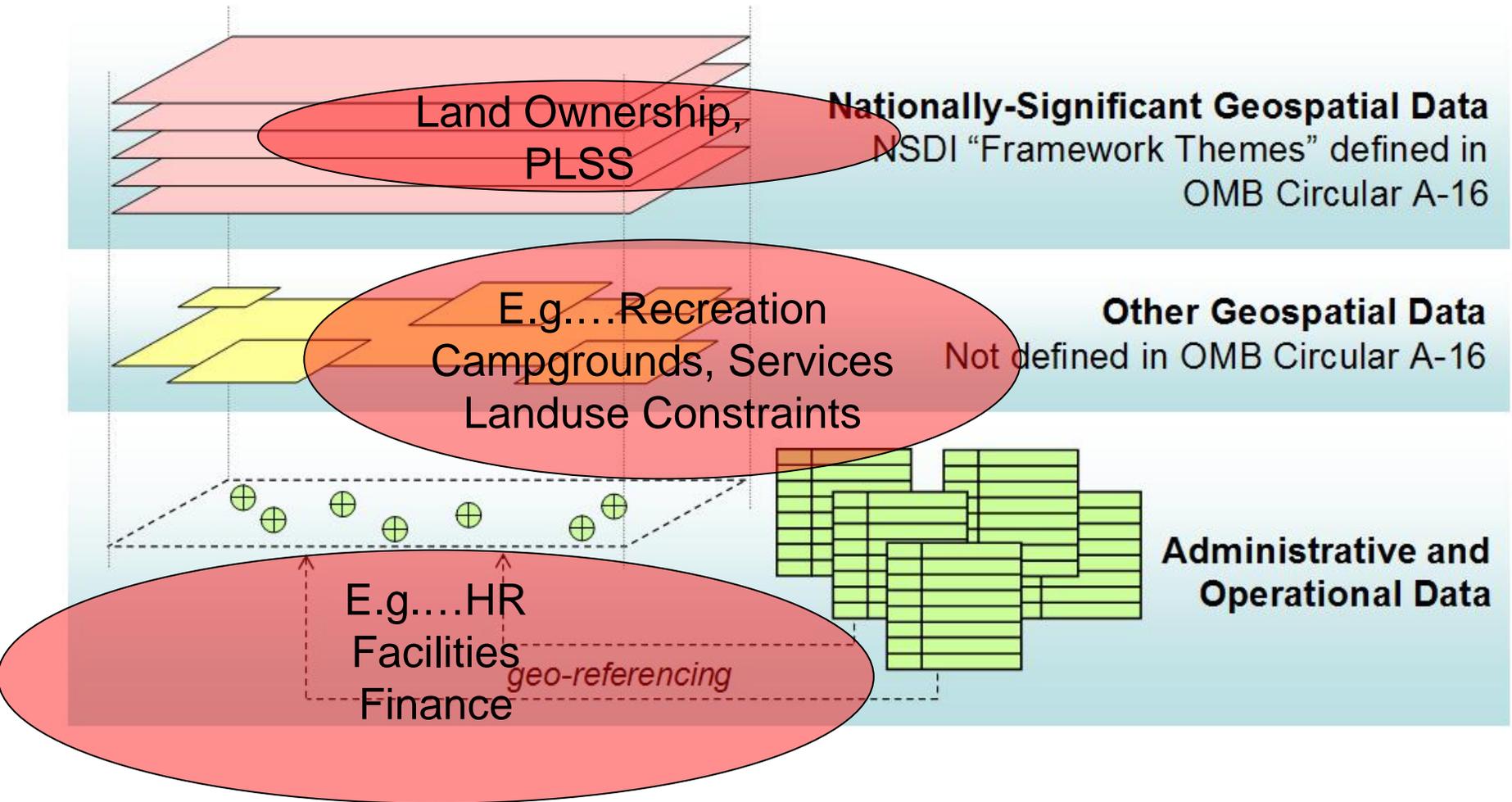
Governance

Federal GEO LOB Governance Model (To – Be)





OMB Target Architecture – Data





Geospatial One-Stop (GOS)

- GOS is interactive and searchable
- Communities are natural sharing groups
- Contribute and collaborate

The Portal For Geospatial Access

geodata.gov
U.S. Maps & Data

your one stop for federal, state & local geographic data

Make a Map
Launch:
The National Map

Search for Data
Search all the data in this site

About This Site
How to find the maps & data you need and how to publish your data here.
GOS Partnerships

Help
Quick Start Guide
How Do I Publish Data Collection Activities
Contact Us

The geodata.gov Marketplace
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What's New
Latest events

geodata.gov is a web-based portal for one-stop access to maps, data and other geospatial services that will simplify the ability of all levels of government and citizens to find geospatial data and learn more about geospatial projects underway.

geodata.gov is part of the Geospatial One-Stop initiative, one of the 24 OMB electronic-government initiatives that will enhance government efficiency. The geodata.gov portal will accelerate the development and implementation of the National Spatial Data Infrastructure (NSDI) and includes state, local and tribal governments along with the private sector and academia as participants. In order to get started, please use our Quick Start Guide.

Data Categories

- Administrative and Political Boundaries
- Agriculture and Farming
- Atmosphere and Climatic
- Biology and Ecology
- Business and Economic
- Cadastral
- Cultural, Society, and Demographic
- Elevation and Derived Products
- Environment and Conservation
- Geological and Geophysical
- Human Health and Disease
- Imagery and Base Maps
- Inland Water Resources
- Locations and Geodetic Networks
- Oceans and Estuaries
- Transportation Networks
- Utilities and Communication

Learn About Specific Applications Areas

- Disaster response & assessment
- Recreation and tourism

Learn About Mapping Current Events

- Weather Events

FIRSTGov.gov
The U.S. Government's Official Web Portal

egov.gov
Government of the United States

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Please use the [Contact Form](#) for any questions or comments.

...the directory for NSDI



One-Stop Core Activities

- Provide an online access portal to geospatial data - an interactive index to geospatial data holdings at the Federal and non-Federal levels and act as a catalyst to facilitate the...
 - ▶ Development of standards and models to support the exchange of framework datasets to facilitate web services,
 - ▶ Promote partnerships among Federal, state, and local agencies for planned geospatial data collections.



Geospatial One Stop

Purpose of the project:

- Making it:
 - ▶ Easier
 - ▶ Faster
 - ▶ Less expensive



Two Ways to Search

- ✓ “Two Clicks to Content” – Featured data resources within each data category.
- ✓ Detailed search of the entire Geodata.gov database by location, data type, provider type, scale, etc.



1. Search for Featured Data in Categories

Quick access to Content (2 clicks)



Make a Map

Launch:
The National Map



Search for Data
Search all the data in this site

About This Site
How to find the maps & data you need and how to publish your data here.
GOS Partnerships

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Quick Start Guide.

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2. Detailed Search for Data

Three search criteria are available for input:

1. Where?

2. What?

3. When?

The screenshot displays the geodata.gov search interface in a Microsoft Internet Explorer browser window. The search criteria are highlighted with red circles: 'Where?' (with a dropdown menu showing 'Kentucky'), 'What?' (with a search box containing 'Kentucky'), and 'When?' (with a radio button for 'Data for time period'). The search results page shows 19 records found, with the first three records displayed. A red arrow points to the 'View Map' button for the third record, 'Kentucky's Base Map'.

Search Criteria:

- Where? (Dropdown: Kentucky)
- What? (Search Box: Kentucky)
- When? (Radio: Data for time period (yyyyymmdd))

Search Results:

Records Found: 19 (REFINE SEARCH CRITERIA)

Where: Anywhere
What: Match exact phrase = Kentucky
When: Anytime

Currently displaying records 1 - 10 of 19
Pages 1 2 next

Record 1:

- Content Title: Kentucky Water Management Planning
- Publisher: WRIS
- Rating: Unknown
- Provider Level: Unknown
- Coverage Area: Kentucky
- Content Type: Live data & maps (ArcIMS Image Service)
- Latest Status: Service is running

Record 2:

- Content Title: Kentucky's Incorporated City Boundaries
- Publisher: Kentucky Water Resource Information System
- Rating: Unknown
- Provider Level: Unknown
- Coverage Area: Kentucky
- Content Type: Live data & maps (ArcIMS Image Service)
- Latest Status: Service is running

Record 3:

- Content Title: Kentucky's Base Map
- Publisher: Kentucky's GIS Community
- Rating: Unknown
- Provider Level: Unknown
- Coverage Area: Kentucky
- Content Type: Live data & maps (ArcIMS Image Service)
- Latest Status: Service is running

Record 4:

- Content Title: USGS ArcIMS Map Service for the Illinois Basin Province, 1995 National Oil and Gas Assessment
- Publisher: U.S. Geological Survey, Central Energy Team
- Rating: Unknown



View Data

View The National Map and:

- Browse other datasets
- Query map data
- Interact with multiple WMS and IMS services
 - ▶ overlay maps services
 - ▶ set transparency levels
 - ▶ save maps for later use



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state & local geographic data

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Search all the data in this site

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What's New

Latest events

Geodata.gov is part of the [Geospatial One-Stop E-Gov initiative](#) providing access to geospatial data and information. For help use the [Quick Start Guide](#).

To find geospatial data that meets your specific criteria:
Select "Search all data in this site", in left column,
-- OR --
For quick access to featured geospatial resources by subject:
Click on one of the Categories or Sub-Categories below.
Click '+' sign to see sub-categories.

Data Categories

- Administrative and Political Boundaries
- + Agriculture and Farming
- + Atmosphere and Climatic
- + Biology and Ecology
- Business and Economic
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- + Inland Water Resources
- Locations and Geodetic Networks
- Oceans and Estuaries
- Transportation Networks
- Utilities and Communication

Learn About Specific Applications Areas

- Recreation and Tourism
- + State and Local GIS
- + Homeland Security



Geodata.gov is Supporting...

Events

GEOMAG WILDLAND FIRE SUPPORT

California Wildfire Viewer

recreationmaps.gov

Find Recreation Areas

Name: (e.g. Yellowstone) **FIND**

Place: (e.g. San Francisco, CA)

Within: 25 Miles **FIND**

Select Activities

- Auto Touring
- Biking
- Boating

Lewis and Clark GeoSystem

Tool: Please Select a Tool!

Map Help & Information

Map Tools

Zoom In On Map: Hold mouse down and drag a rectangle over the extent of the map you wish to zoom in on.

Zoom Out Map: Click the map and the map will zoom out two times the current extent and center the map on that point.

Pan The Map: Hold mouse down and drag the map image to the location you wish to pan to.

Recreation

recreationmaps.gov

Find Recreation Areas

Name: (e.g. Yellowstone) **FIND**

Place: (e.g. San Francisco, CA)

Within: 25 Miles **FIND**

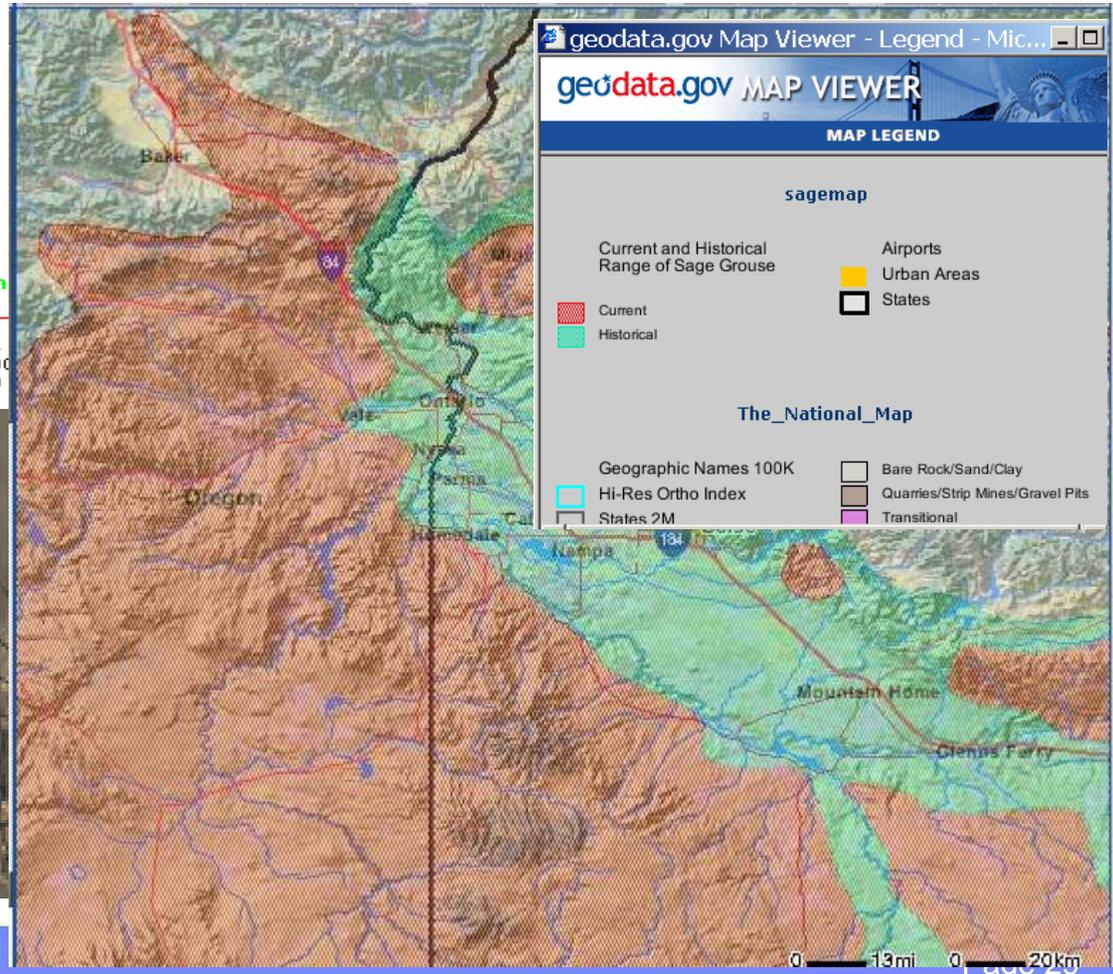
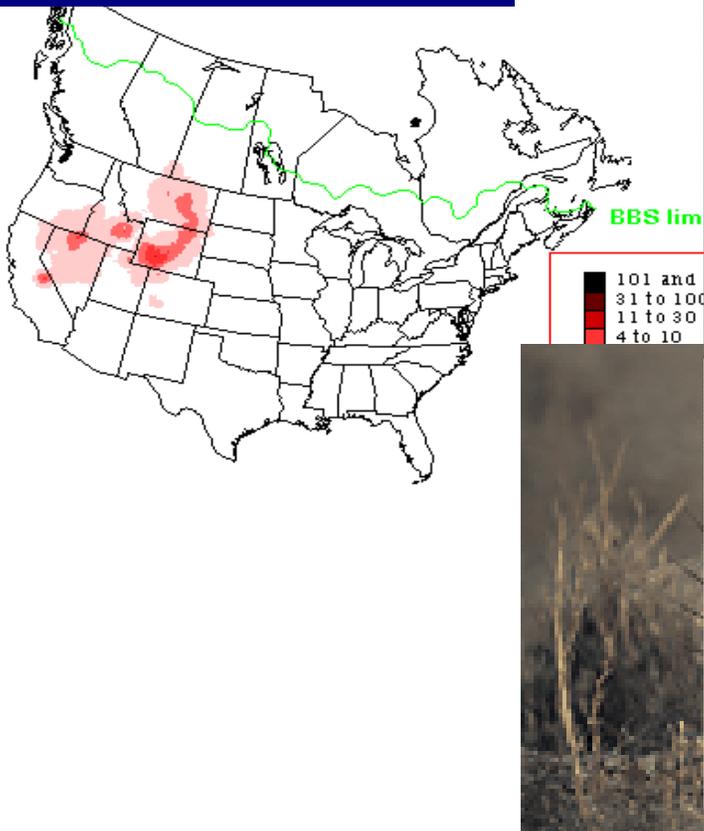
Select Activities

- Auto Touring
- Biking
- Boating



Geodata.gov is Supporting...

Policy Issues





geodata.gov Map Viewer - Microsoft Internet Explorer

geodata.gov MAP VIEWER Home | Search | Help | How To Add Data

Hikes Grid Index
 County Labels
 Counties 100K
 State Labels
 States 100K
 Roads BTS
 Stream Names
 Stream Network
 Waterbody Names
 Waterbodies
 LANDSAT7
 National Land Cover Dataset
 National Land Cover Dataset (transparent)
 National Elevation Dataset S Relief CONUS
 National Elevation Dataset S Relief PR
 National Elevation Dataset S Relief HI

REFRESH MAP LEGEND

0 0.72mi 1.15km



geodata.gov - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www.geodata.gov/gos>

DashBar Enter search words here Search Price Comparison Yellow Pages White Pages Maps

About this Category

Help

Search for more primary data like this:

Any level

Featured Live Data

National Hydrography Dataset - NHD

Content Summary: The National Hydrography Dataset is the culmination of recent cooperative efforts of the U.S. Environmental Protection Agency (EPA) and U.S. Geological Survey (USGS). It combines the best of the EPA Reach File Version 3.0 (RF3) and USGS Digital Line Graph (DLG) hydrography files: hydrologic ordering, hydrologic navigation for modeling applications, and a unique identifier (reach code) for surface water features from RF3; and the spatial accuracy and comprehensiveness of DLG hydrography.

Content Purpose: The National Hydrography Dataset (NHD) is a comprehensive set of digital spatial data that contains information about surface water features such as lakes, ponds, streams, rivers, springs and wells. Within the NHD, surface water features are combined to form "reaches," which provide the framework for linking water-related data to the NHD surface water drainage network.

Publisher: U.S. Geological Survey

Content Type: Live data & maps (Map Service)

[VIEW MAP](#) [VIEW DETAILS](#) [GO TO WEBSITE >](#)



Hydrologic Units of the United States Image Service

Content Summary: This image service contains hydrologic unit boundaries and codes for the United States, Puerto Rico, and the U.S. Virgin Islands. We have also included the following reference map layers from the National Atlas of the United States in this service: State boundaries, State capitals, streams and waterbodies, a latitude/longitude grid, and a background layer showing land and water areas.

Content Purpose: The primary intended use is for regional and national data display and analysis, rather than specific local data analysis.

Publisher: National Atlas of the United States

Content Type: Live data & maps (Map Service)

[VIEW MAP](#) [VIEW DETAILS](#)



National Wetlands Inventory (ArcXML Service)

Content Summary: NWI digital data files are records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands: point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps.

Content Purpose: The data provide consultants, planners, and resource managers with information on wetland location and type. The data were collected to meet U.S. Fish & Wildlife Service's mandate to map the wetland and deepwater habitats of the United States.

Publisher: National Wetlands Inventory

Content Type: Live data & maps (Map Service)

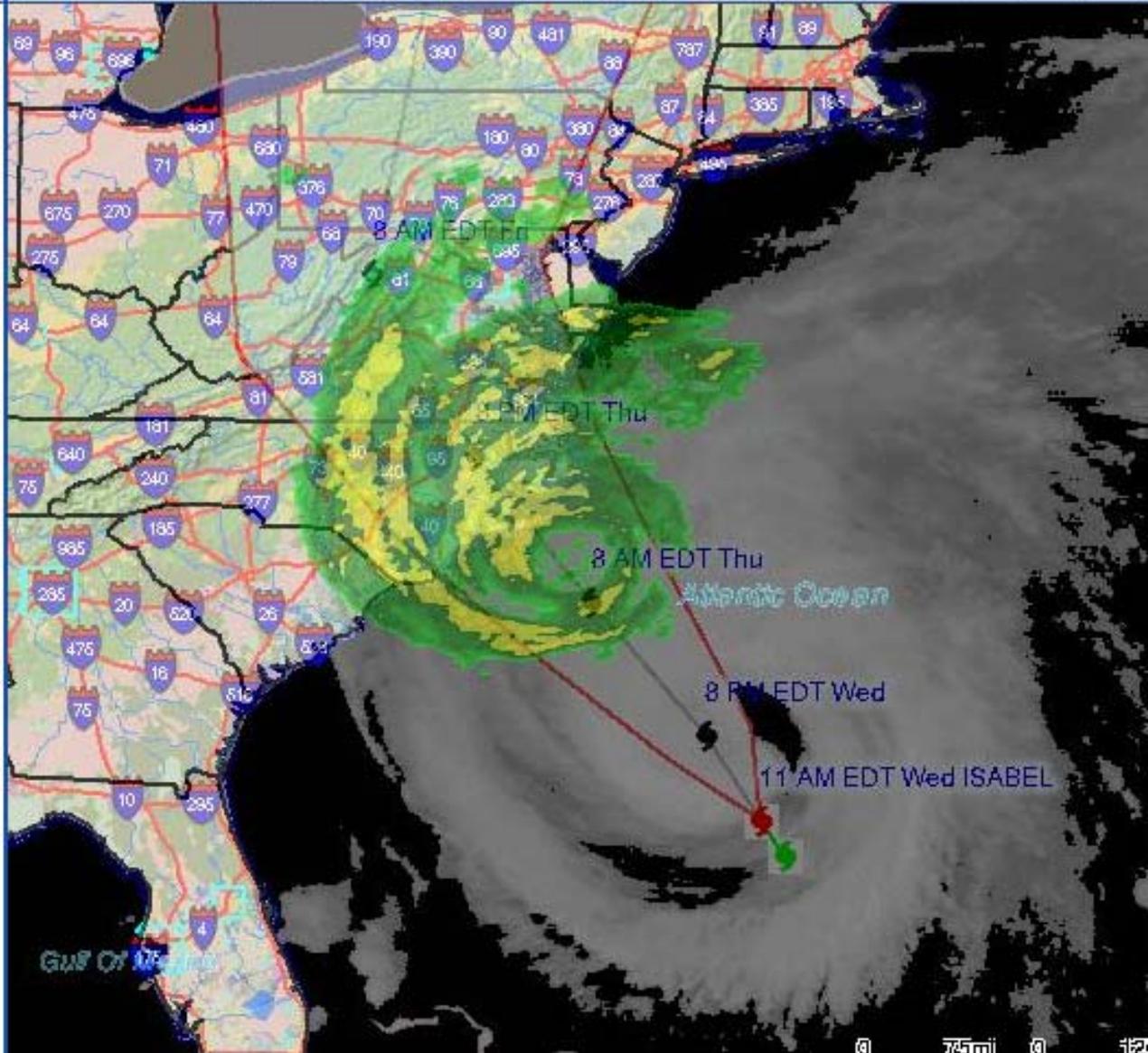
[VIEW MAP](#) [VIEW DETAILS](#) [GO TO WEBSITE >](#)

Home | Search | About This Site | The geodata.gov Marketplace | Information Center | Map Viewer

Internet



- MX_Precipitation
- emhurr
- The_National_Map



REFRESH MAP

LEGEND

Email a link to your created live map...

The screenshot shows the geodata.gov Map Viewer interface in Microsoft Internet Explorer. The main window displays a map of Southeast Asia with various layers checked in the left-hand menu, including Protected Areas, BirdLife Important Bird Areas, Marine Turtle Nesting Beaches, Airports, Mangroves, Coastal and Political Boundaries, Roads, Railways, World Heritage Sites, Ramsar Sites, BirdLife Endemic Bird Areas, Lakes, Major inland water areas, and Population in 2000. A red box highlights the 'Map Link' icon in the toolbar. A dialog box titled 'geodata.gov MAP VIEWER CREATE LINK TO MAP' is open, showing the URL: http://www.geodata.gov/arcexplorer/link.html?&link=20050124062059003_4. The dialog box also contains the text: 'The URL below is a link to your current map. You can copy this URL and paste it into your web browser's address bar, an email, your own web page, etc.' and buttons for 'CLOSE' and 'HELP'.



Identify Features on Map

The main window shows the geodata.gov MAP VIEWER interface. The left sidebar lists various data layers, all of which are checked. The map displays Thailand with several colored overlays. A red box highlights the information icon in the toolbar, and a red line points to a specific feature on the map near Phuket, Thailand.

The 'Identify' window shows the following data for the selected feature:

FIELD	VALUE
URL2	http://unosat.web.cern.ch/unosat/freeproducts/Tsunami/phuket_elevation100dpi.jpg
SOURCE	Disasters Charter Website
DATE	19/01/05
ADDED_BY	IM
OBJECTID	270



Follow Links to Map Products

http://unosat.web.cern.ch/unosat/freeproducts/Tsunami/phuket_landscan100dpi.jpg - Microsoft Internet...

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Population Density of Phuket Island

29 December 2001

Pop: sq. km

- 0 - 2
- 3 - 5
- 6 - 25
- 26 - 50
- 51 - 100
- 101 - 500
- 501 - 2,500
- 2,501 - 5,000
- 5,001 - 100,342

Legend:

- Tsunami 2004 zone
- Towns above 100
- Capital
- Island
- Island
- Island
- Island under 20m

0 1 2 4 8 Kilometers
0 1 2 4 Miles

UNOSAT satellite imagery for all

Done Internet



Other Interesting Resources

geodata.gov Home | Search | About This Site | The geodata.gov Marketplace | Information Center | Map Viewer

Indian Ocean Disaster

---Indian Ocean Disaster

- What is new?
- Live Data and Maps
- Imagery
- ☐ In Country Resources
- Downloadable Maps
- Tools
- Emergency Resources
- Other Resources
- News
- About this Category
- Help

Introduction

This page provides links to web sites, resources, and maps relevant to the recent earthquake, tsunami, and disaster recovery efforts in the Indian Ocean region. Users worldwide are encouraged to post Live Data and Maps, Downloadable Data, Resources, and Maps related to the Indian Ocean Disaster on geodata.gov.
Go to main channel: [Natural Disaster Events](#)

Bangladesh

Base Map Data for Bangladesh

Content Summary: Metadata entries are not prioritized or categorized, allowing users to determine which data best meet their application. Road, railroad, water, administrative boundary, land use, and elevation data covering Bangladesh.

Content Purpose: Topographic Mapping

Publisher: Multiple Vendors

Content Type: Offline data

[VIEW DETAILS](#) [GO TO WEBSITE >](#)

India

National Remote Sensing Agency

Content Summary: National Remote Sensing Agency (NRSA) is an autonomous organisation under Department of Space, Govt. of India engaged in operational remote sensing activities.

[GO TO WEBSITE >](#)

India Census Data

Content Summary: Official website of the India Census Data. Lots of information and data can be found here.

[GO TO WEBSITE >](#)

Base Map Data for India

Content Summary: Metadata entries are not prioritized or categorized, allowing users to determine which data best meet their application. Road, railroad, water, building, points of interest, administrative boundary, land use, and elevation data covering India.

Content Purpose: Topographic Mapping

Publisher: Multiple Vendors

Imagery for the Nation

<http://www.nsgic.org/>

Stats

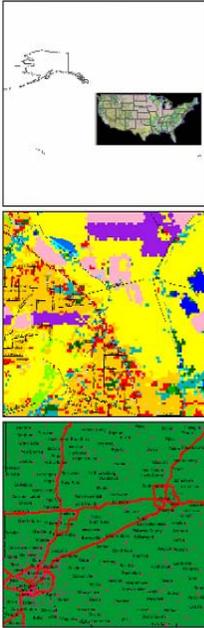
- 462 publishers with at least one registered site publishing to the portal
- Over 76,000 Records currently in geodata.gov
- Over 1,800 Live Web Map Services Published

geodata.gov
Usage Statistics - Oct 18, 12:37 PM PDT

Spatial Extent of Recent Maps and Searches



Sample Maps Generated by geodata.gov



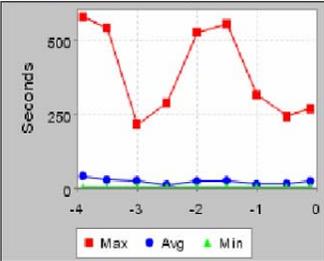
Publications and Publishers

New publications this month: 12001
Updated publications this month: 13492
Total publications: 45616
New publishers this month: 14
Total publishers: 395

% Access of Category Pages

Administrative and Political Boundaries (11.0%)	██████████
Agriculture and Farming (5.3%)	██████████
Atmosphere and Climatic (3.2%)	██████████
Biology and Ecology (4.2%)	██████████
Business and Economic (3.9%)	██████████
Cadastral (6.7%)	██████████
Cultural, Society, and Demographic (5.3%)	██████████
Elevation and Derived Products (6.4%)	██████████
Environment and Conservation (4.8%)	██████████
Geological and Geophysical (9.4%)	██████████
Human Health and Disease (2.9%)	██████████
Imagery and Base Maps (15.8%)	██████████
Inland Water Resources (5.5%)	██████████
Locations and Geodetic Networks (3.2%)	██████████
Oceans and Estuaries (3.1%)	██████████
Transportation Networks (6.2%)	██████████
Utilities and Communication (3.1%)	██████████

Time to Process Requests (last 4 hrs)



Usage Statistics 9/26/2004-10/2/2004



Market Place – Project Tracking

geodata.gov Home | Search | About This Site | The geodata.gov Marketplace | Information Center | Map Viewer

Orthoimagery

- Live Data and Maps
- Other Resources
- Events–Hot Topics–News
- Market Place and Partnership
- Standards
- About this Category
- Help

Introduction

This is a sub channel of the Imagery and Base Maps. It is a georeferenced digital image prepared from remotely-sensed data, in which displacement, sensor orientation and terrain relief, have been corrected. Go to main channel: [Imagery and Base Maps](#)

Marketplace

National Digital Orthophoto Program

Content Summary: The website of the National Digital Orthophoto Program (NDOP), a consortium of Federal agencies, has the purpose of developing and maintaining national digital orthophotos in the public domain by establishing partnerships with state, tribal, and private organizations. This website provides information on NDOP, its membership, organization and activities. Projects component will be added, that will include metadata and footprints about planned orthophoto projects available for public viewing via a map service.

[GO TO WEBSITE >](#)

Aerial Photography Field Office (APFO)

Content Summary: Status graphics depicting the Aerial Photography Field Office (APFO) and National Agriculture Imagery Program (NAIP) in the United States.

[GO TO WEBSITE >](#)

NDOP Project Tracking Viewer - Microsoft Internet Explorer

File Edit View Favorites Tools Help

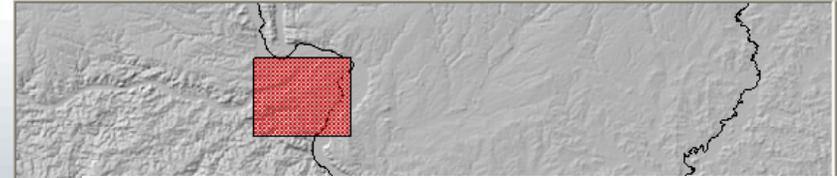
Back Forward Stop Home Search Favorites Refresh Print Mail Printers

Address <http://mcmcwebmap.usgs.gov/NDOP/viewer.htm>

Google Search Web PageRank 50 blocked AutoFill Options

National Digital Orthophoto Program

Project Tracking

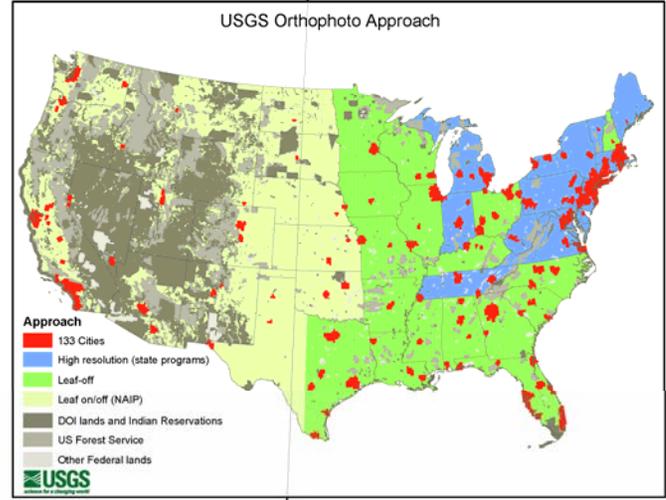


Lay

Visible Active

- NDC
- State

[Refresh](#)



JGC Back

Visible

- USGS NED Relief
- USGS County Boundaries

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Please use the [Contact Form](#) for any questions.

State and Local Community



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State and Local GIS

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Maryland

Introduction

Maryland state and
Go to main channel

State-Wide Clear

Maryland
Content Summary: This site is a convenient relating to Maryland information for Maryland members, and other

GO TO WEBSITE

http://www.marylandgis.net - Maryland Mapping Resource Guide - Microsoft Internet Explorer

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New York

Introduction
The New York subchannel provides information.
Go to main channel: State and Local

Applications
Mapping Westchester County
Content Summary: Interactive County
GO TO WEBSITE

Downloadable Data
Westchester County GIS download, free of charge.
Content Summary: Westchester County GIS download, free of charge.
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State and Local GIS

http://giswww.westchestergov.com - ArcIMS Application - Microsoft Internet Explorer

Westchester in touch
Home Site Map Index

Mapping Westchester County

1 Click on map below to choose a municipality...

2 ...or...

Option 1:
Option 2:
Option 3:
Option 4:

District of Columbia

Introduction

In 1995, a consortium of District of Columbia agencies formed to implement a central, comprehensive, enterprise-wide GIS. The objective of the consortium is the development of current, accurate digital maps, and databases that are linked through a geographic component, as well as applications to view and query data.

Live Maps

DC Guide Mapping Services
Content Summary: The DC Guide is one-stop information in the District provided in a dynamic site offers users with all of the Washington, D.C., destination, public safety, services, recreation, and need through a variety of custom and static maps.

Emergency Information Center Mapping Services
Content Summary: The Emergency Information Center provides a support function for the Emergency For the reference, use the dc.gis mapping services.

DC Atlas Tour
Content Summary: Detailed geographic information commonly used by geographic information research professionals has been made available to the public on the DC Atlas of Columbia Office of the Chief Technology Officer. All users, novice and prof encouraged to take the DC Atlas Tour to understand the DC Atlas application contained within.

Thank you!
Questions?
Discussion?