

Topics for Today

- Open Government
- Data.gov and Geospatial One-Stop
- The National Map
 - Data Delivery Services
 - US Topo





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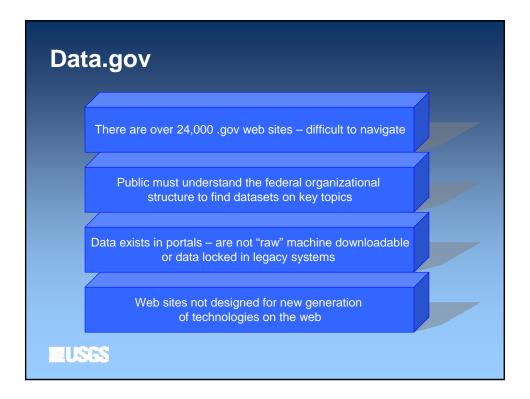
Open Government

- January 21, 2009 Memo for Heads of Federal **Agencies and Departments**
 - Government should be Transparent
 - Government should be Participatory
 - Government should be Collaborative
- CTO Directed to issue Open Government Directive
 - Instructions for Executive Branch on required actions for implementing these principles
 - How data will be released to the public
 - How agencies will engage the public in policy making
 - How to leverage emerging platforms



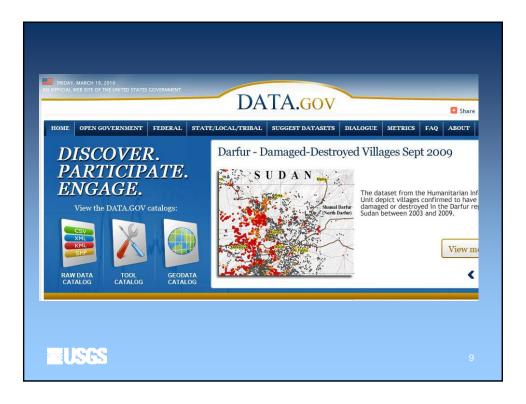
Open Government

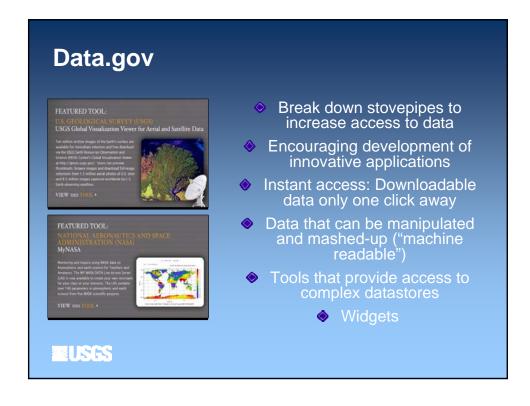
- December 8, 2009 Release of OGD
 - Numerous key deadlines and deliverables established, including:
 - 1/22/2010: Each Department to publish 3 high value datasets to Data.gov
 - 1/22/2010: Each Department to designate high-level senior official to be accountable for open government data quality, objectivity, etc.
 - 1/22/2010: OMB to establish working group on innovation and best practices
 - 2/6/2010: Each Department to create open governmen webpage at http://www.[agency].gov
 - 4/7/2010: Each Department to publish its Open Government Plan that describes how it will improve transparency and integrate public participation and collaboration into its activities











Data.gov, a website that enables the public to easily find, download, and use datasets and tools that are generated and held by the Federal Government.

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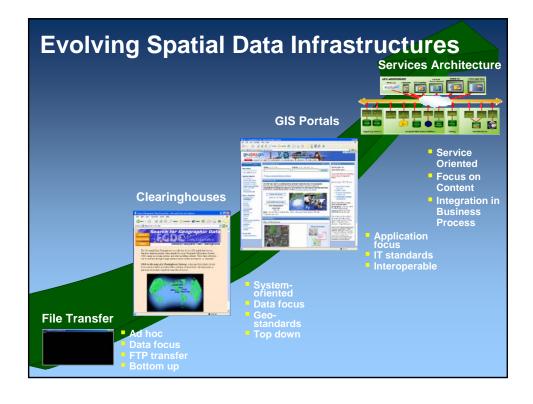
Open Government Design Principles

- Share As Much Data As Possible
- Access to Authoritative Source Data
- Access to Current Data
- Make Data Widely Accessible
- Ensure Data is Machine Readable
- Use Open Formats

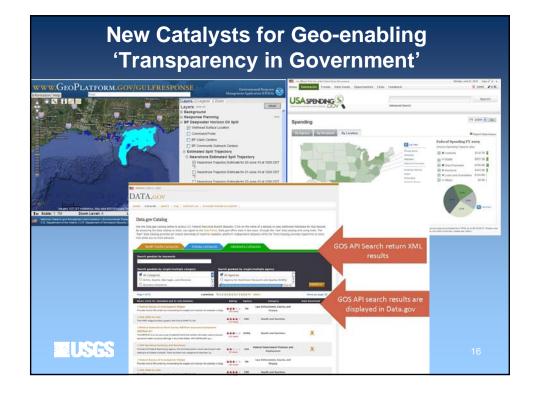


The Geospatial Community has been a leader in sharing information

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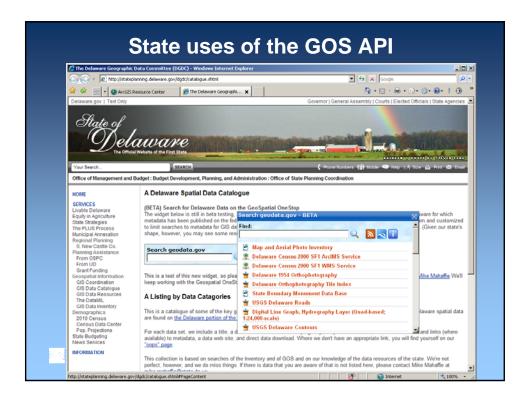


Initial Publishing of Downloadable Data

GOAL - 250,000 Data sets by the anniversary

- Census Tiger Files
- USGS High-Resolution Imagery
- EPA Facilities Data
- NGA-NASA Shuttle Rader Topography Mission Data of the US
- New US Topo GeoPDF maps
- A variety of other science related geodata on topics related to biology, energy, etc

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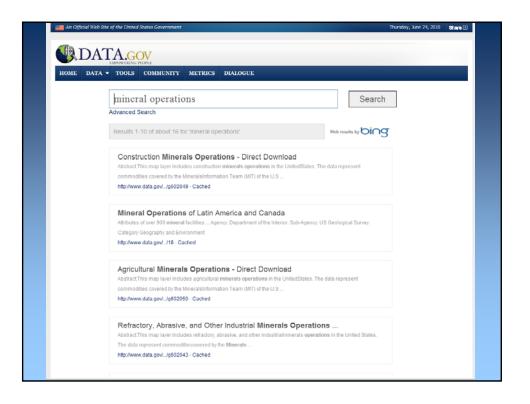


Data.gov Visualization

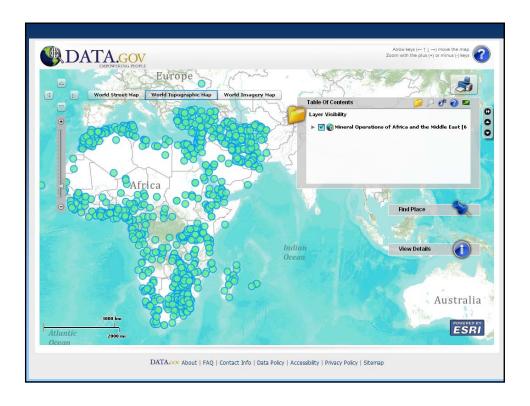
- What data is mashable?
 - Basic problem is getting data from Data.gov catalogs (incl. zip files, *.tar.gz, etc... some KML, some shapefiles, probably some services) into a format that is readily viewable.
- Data.gov now has its intial Mapping Mashup / Preview Capability!

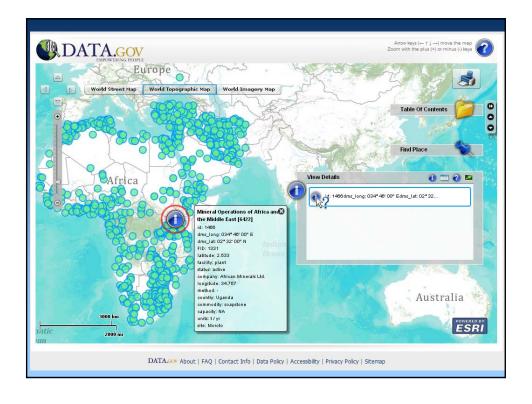
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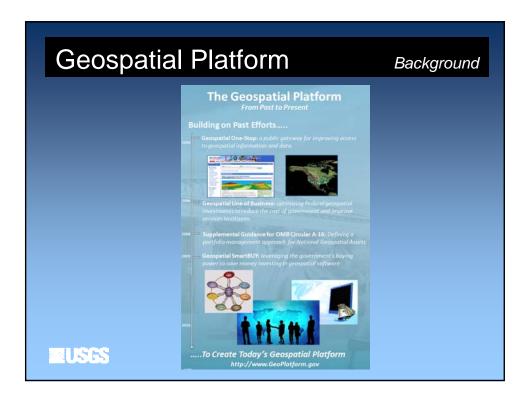


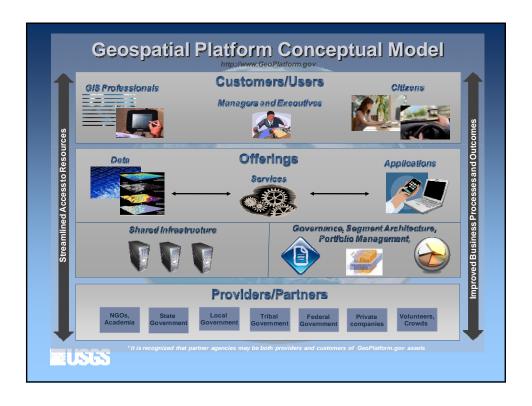


Geo & Data.gov – Next?

- Next steps currently under discussion
 - Spatial search as integral part of Data.gov catalog
 - Migration of GOS to Data.gov
 - Enhanced visualization tools ("professional" version?)
 - More integration of geospatial web services
 - Data hosting / services hosting







Improvements in access to National Framework Data

The National Map

Foundation: The National Map

- Base topographic data
 - ✓ Seamless
 - ✓ Continuously maintained
 - ✓ Nationally consistent
- Developed and maintained through partnerships
- Available on line
- Source for products and services









- Fast Base Map
- 100% National Map Content
- One-stop to Download National Map Data and View Services
- Direct Access to Topo Maps
- New Advanced Features



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Data Sources

- The National Map
 - ✓ Transportation National Transportation Dataset
 - **✓** Boundaries National Boundaries Dataset
 - ✓ Names Geographic Names Information System
 - ✓ Orthoimage National Orthoimage Dataset (NAIP)
 - ✓ Elevation National Elevation Dataset
 - ✓ Hydrography National Hydrography Dataset
 - **✓** Structures National Structures Dataset
 - ✓ Vegetation National Landcover Dataset
- Other Sources
 - ✓ Grids and quadrangle level metadata generated
 - ✓ High-resolution historic maps scanned

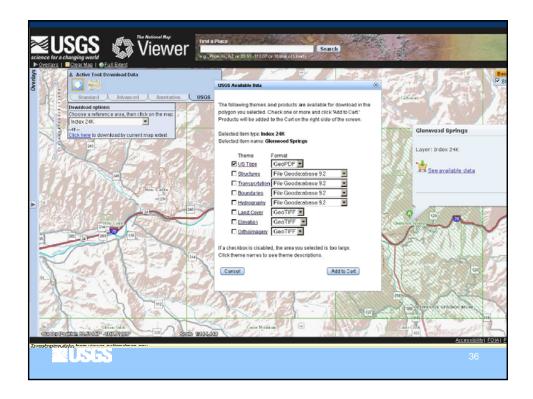


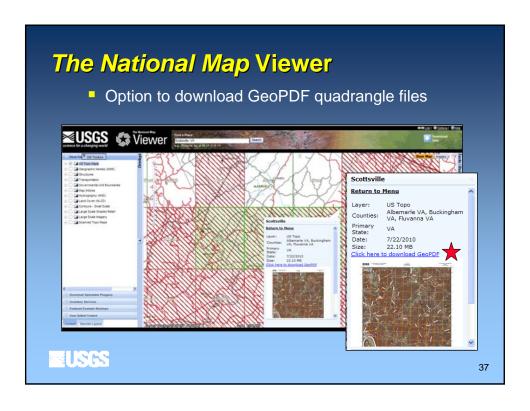
Download Capabilities

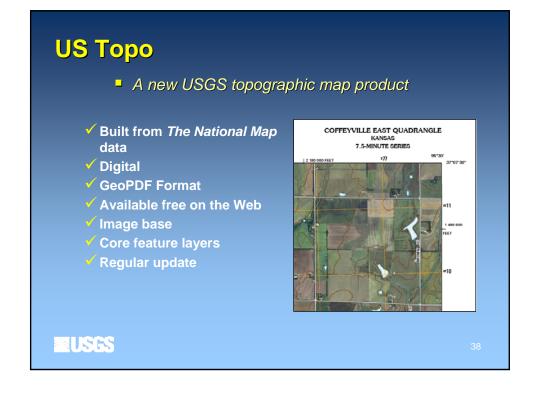
- "What you see is what you get" experience
- One place one service to download all base vector, raster and graphics data products
- User can select an area of interest, multiple themes, and data formats as part of their download request
- Future download enhancements may include: more advanced area of interest functionality, file format options, coordinate transformation and feature selection

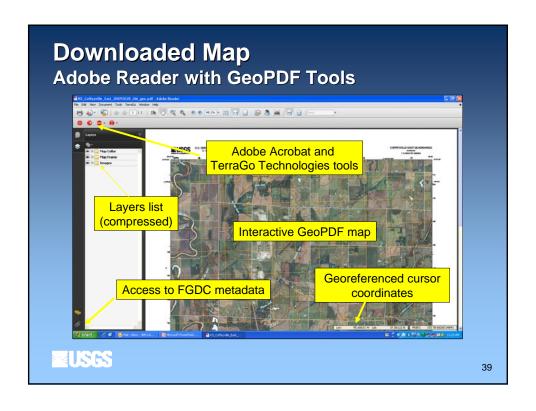
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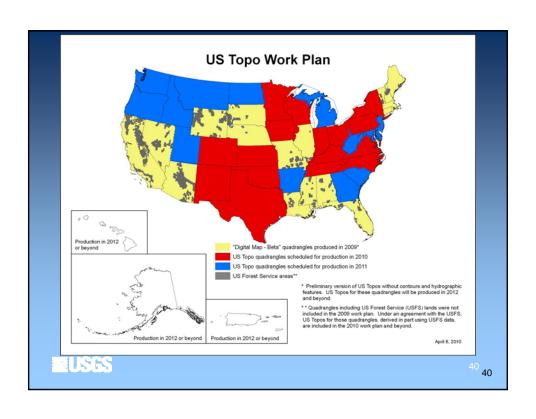




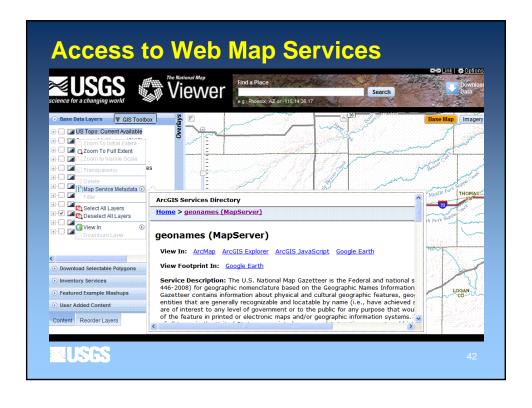


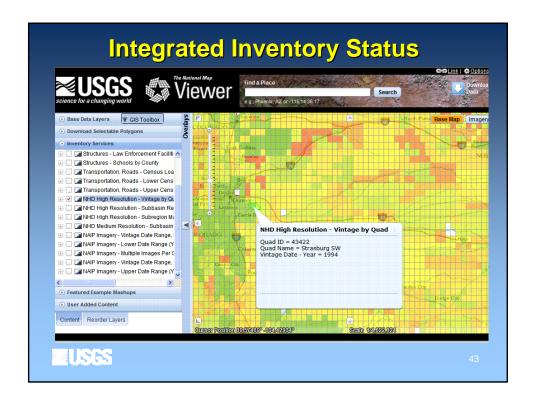




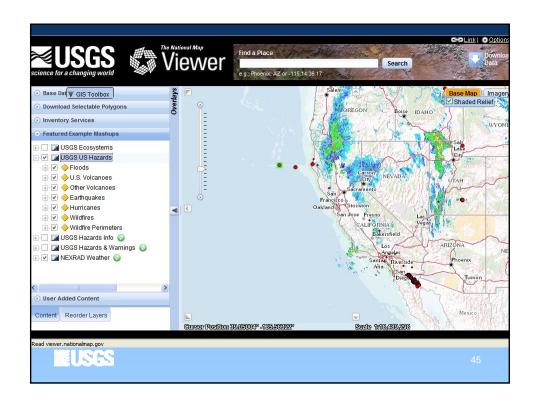


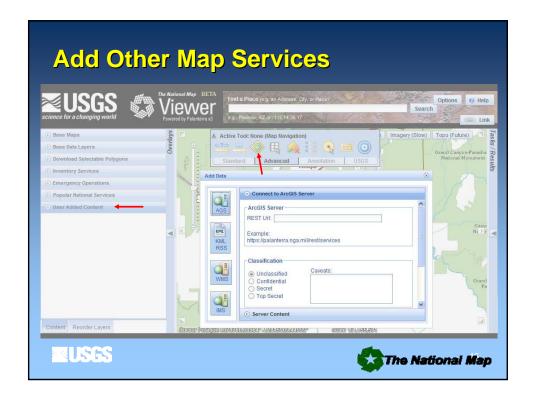




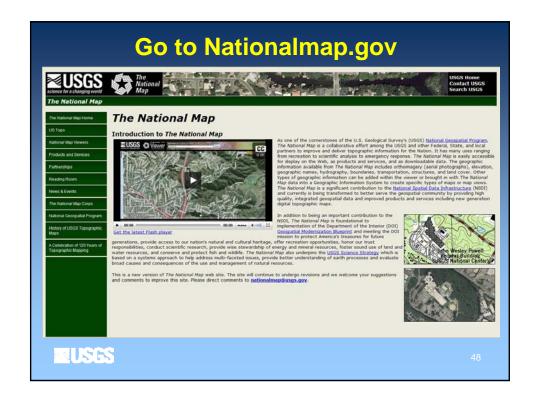












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