

Maps for the Masses: The Oregon Spatial Data Library



spatialdata.oregonexplorer.info

Western Association of Map Libraries

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OSU Libraries, Institute for Natural Resources

Oregon Explorer portals

Current Portals

Data Portals

Browse other Explorer Sites

-  Land Use Explorer
-  North Coast Explorer
-  Oregon Hazards Explorer
-  Oregon Imagery Explorer
-  Oregon Wildlife Explorer
-  Rural Communities Explorer
-  Umpqua Basin Explorer
-  Wetlands Explorer
-  Wildfire Risk Explorer
-  Willamette Explorer

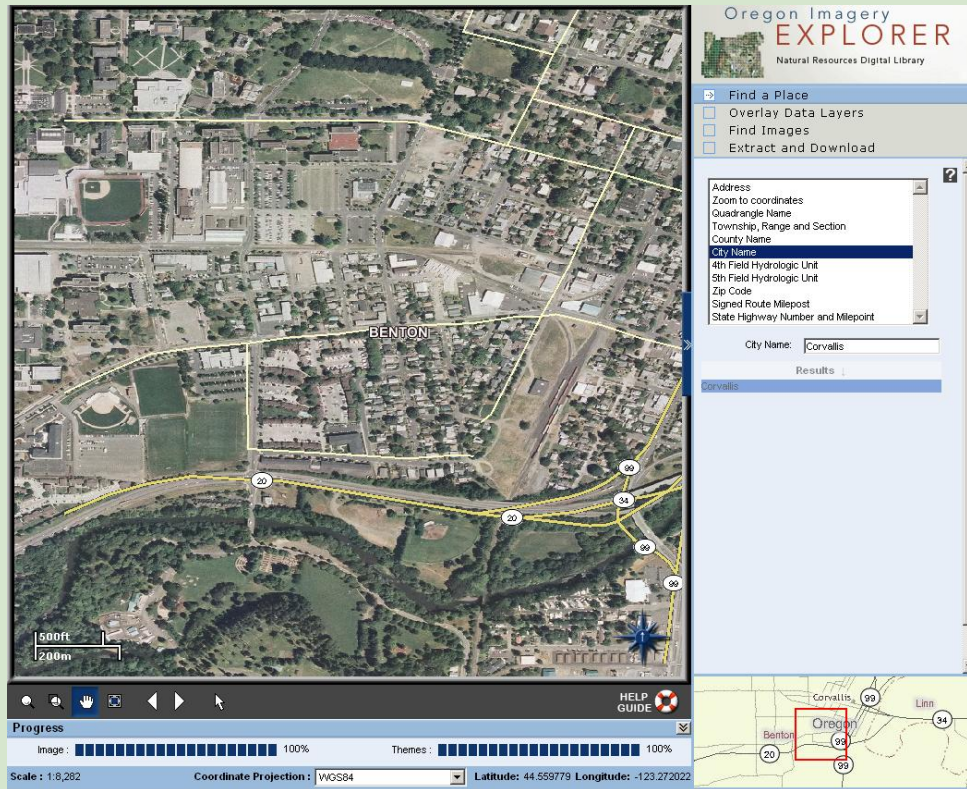


Launched: October 2007



Launched: November 2009

Oregon Imagery Explorer: accessing .5 m Color Imagery



“I'm delighted that recent aerial photo imagery is so easily available for the state, and in such a high resolution - thank you! The Oregon Imagery Explorer has made my project, and I'm sure that of many others, much easier.”
- Student in the Botany and Plant Pathology Department, 1/26/2010

Background

- Partnership/funding with State of Oregon Department of Administrative Services Geospatial Enterprise Office (GEO)
- **Purpose**
 - To provide a front-end to the GEO A-Z list that enables searchable results
 - User defined downloads
 - Distributed data extraction
 - Scalable to add other repositories

Framework data

A - Z Listing

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [J](#) | [K](#) | [L](#) | [M](#) | [N](#) | [O](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [X](#) | [Y](#) | [Z](#)




Themes are statewide unless otherwise specified

A

Name	Description	Preview	Type	Metadata	Download
Administrative Basins	OWRD Administrative Basins, 1:24,000				Shapefile (3.3Mb)




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B

Name	Description	Preview	Type	Metadata	Download
Access Points and Boat Ramps	Covers the Oregon coast, Columbia river, and upper Willamette river, 1:100,000				Shapefile (123kB) EOO (141kB)

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C

Name	Description	Preview	Type	Metadata	Download
Census (2000)	Source: 2000 Census Data Download .				
Census (1990 & 1995)	1990 & 1995. Source: Census Data Download .				

Required and Desired Features

Searching.

Table 1.

Data Searches	Required	Desired	GPT Out of the box	OSDL Current Functionality
Text-based searching		Y	Y	Y
Map-based searching		Y	Y	Y
Mapped search results include layer of interest		Y	N	N
Need categories beyond ISO pre-set themes		Y	N	Y - Added Framework Categories
Keyword-based searching ("roads" -> roads layer)		Y	Y	Y

Table 2.

User interface	Required	Desired	GPT Out of the box	OSDL Current Functionality
Navigate via map interface		Y	Y	Y
Simpler interfaces are preferred		Y	Y	Y
Advanced search features are better located on a separate tab or page		Y	Y	
Mimic widely used web pages (Google, etc.)		Y	Y and N	Y and N
Quick, intuitive		Y	Y	Y

Table 3.

Metadata Formats	Required	Desired	GPT Out of the box	OSDL Current Functionality
ESRI XML, XML	Y		Y	Y
HTML	Y		Y	Y
PDF		Y	N	N
TXT	Y		N	N
SGML	Y		N	N

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Oregon Spatial Data Library



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Home

The Oregon Spatial Data Library provides easy and convenient ways to find, access and share geospatial data.

Find Data

Oregon Framework Data

Admin Boundaries	Hazards
Bioscience	Hydrography
Cadastral	Imagery
Climate	Land Use/Land Cover
<i>Elevation*</i>	Transportation
<i>Geodetic Control*</i>	<i>Utilities*</i>
Geoscience	Reference

** No framework data and/or a standard available yet.*

GEO Spatial Data Library Alphabet

[What is Framework Data?](#)

Featured Data

Oregon Hazards Data

DATA

- Hazards data includes:
- Climate
 - Coastal Erosion
 - Earthquake
 - Floods
 - Geologic Floodplain
 - Landslides
 - Naturally Occurring Hazardous Materials
 - Tsunami
 - Volcanic Hazards
 - Wildfire

RESOURCES

- **Hazard/Preparedness Framework Implementation Team**
- **geodata.gov**
- **The National Atlas**
- **Hazards Explorer**



TOOLS



Hazards Reporter

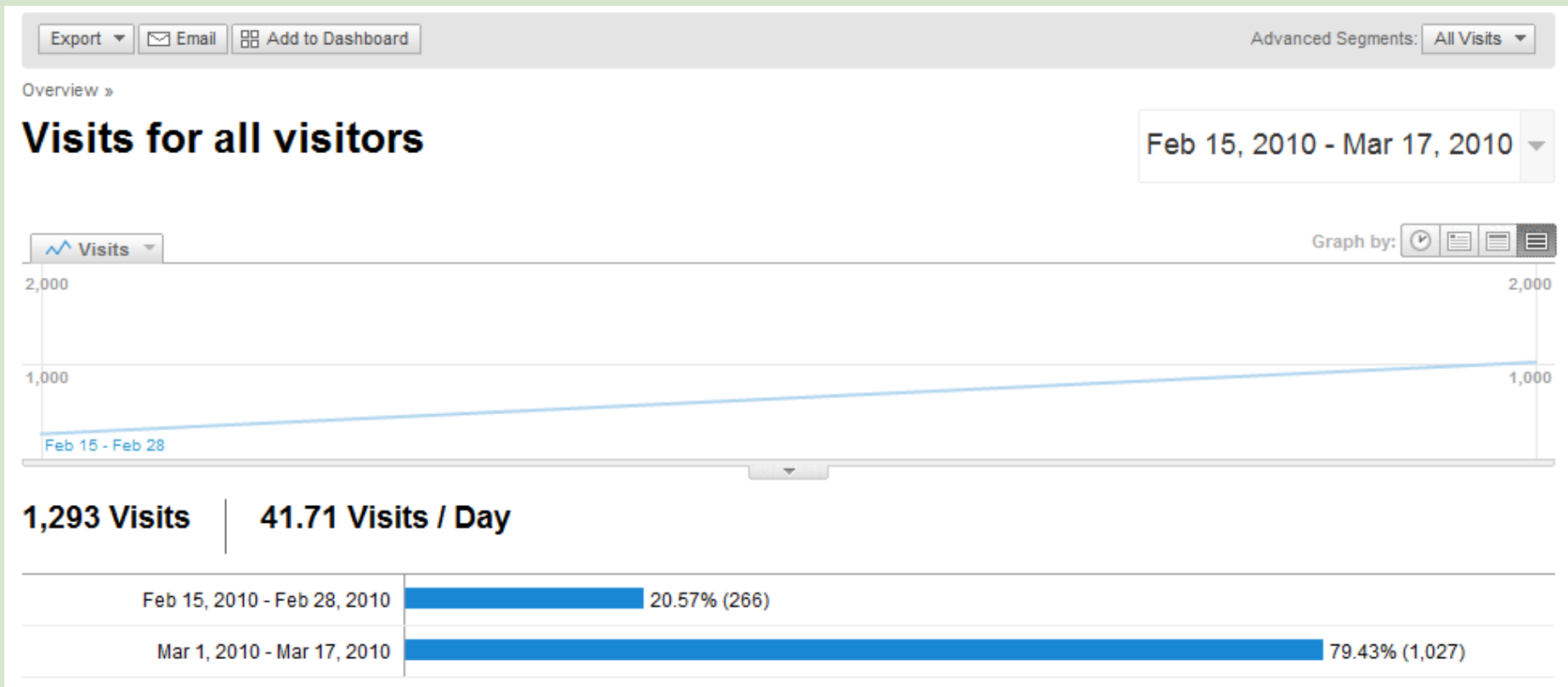
Oregon Hazards Explorer

				OSU Home OSU Libraries Ask a Librarian 	
Home Text size A A A		Search <input type="text"/> Go 			
<input type="checkbox"/> Learn about Oregon Hazards <input type="checkbox"/> Issues and Actions <input type="checkbox"/> Oregon Hazard Stories <input type="checkbox"/> About this Site		 <h2>Oregon Hazards EXPLORER</h2> <p>Natural Resources Digital Library</p>  <p><i>Information about hazards in Oregon for landowners, planners, agency staff and interested citizens</i></p>			
<input type="checkbox"/> Maps <input type="checkbox"/> Charts and Tables <input type="checkbox"/> Photos and Videos <input type="checkbox"/> Reports and Publications <input type="checkbox"/> Expertise and Contacts <input type="checkbox"/> Additional Resources					
Help Glossary FAQ					
 <p>Oregon's GIS Utility</p> <p>→ Learn more about navigator</p>		<h3>HAZARDS IN YOUR AREA</h3> <p><i>Oregon Hazards Reporter</i></p> <p>What natural hazards are known to affect your area of interest? The Oregon Hazards Reporter is a web-based reporting tool that allows users to access Oregon hazards data from multiple state and federal agencies and report on known hazards for specific areas of interest.</p>  <p>The tool includes the ability to visualize and</p>			

Usage

Ave. # visits/day : 42

Total # of visits since 2/10: 1,293



Note: Began tracking usage tracked on February 15, 2010

Acknowledgements:



FEMA

OSDL Contacts and Resources:

- Ruth Vondracek
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Oregon State University Libraries
The Valley Library
(541) 737-9273
- Project Report
http://oregonexplorer.info/ExternalContent/OSDL/final_report.pdf
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