

State Geospatial Data Coordination Procedure

OREGON

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FEMA

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Purpose of the Procedure

Flood insurance studies search for geospatial data during pre-scoping and scoping tasks. If needed data are not available, studies might fund the collection of new data and would like to know about other organizations that might share in these costs. Detailed information about the role of geospatial data coordination plays in studies is in the Geospatial Data Coordination Implementation Guide, which is available at https://hazards.fema.gov/femaportal/docs/GeoDataImplem_V3.pdf and in Scoping Guidelines: Pre-scoping and the Scoping Meeting, which is available through the Regional Support Center (RSC).

Resources developed through FEMA's geospatial data coordination activities provide information about data and contacts for organizations that have geospatial data that cover large areas (like states) in which many studies are initiated. Studies can avoid wasting time with dead-end searches and cold calls by starting with these proven sources of information.

One resource is this Geospatial Data Coordination Procedure. It outlines sources of geospatial data and contact information, preferences for base map data and state geospatial participation in studies, and other useful information for the State.

If you have questions about this procedure or other geospatial data coordination resources, contact the geospatial data coordination lead in your Regional Support Center:

Marshall Rivers, Geospatial Data Coordination Lead
Region X Service Center
(425) 245-0843
marshall.rivers@atkinsglobal.com

Default Flood Hazard Base Map for the State

The default base map for flood hazard maps for the State is an image base map (orthophoto).

Geospatial Data Coverage

Find below the information about and links to statewide (and Federal agencies' national) geospatial datasets. The list is provided to save time during pre-scoping and scoping activities when building a list of candidate geospatial datasets available for the study; it is not a prescription of datasets that must be used in a flood insurance study.

Datasets for DFIRM Production

Orthophotos

Dataset name: Geospatial Data Gateway Direct NAIP Download.

Data currentness: 2016

Accuracy/Scale: 1 – meter resolution for 2016.

Ground sample resolution: 1-meter resolution. Horizontal datum: NAD 83

Fee associated? No.

Available for redistribution? Yes

Dataset source: Geospatial Data Gateway, USDA

Metadata: https://www.fsa.usda.gov/Assets/USDA-FSA-Public/usdfiles/APFO/status-maps/pdfs/naipcov_2017.pdf

Data download: <https://nrsc.app.box.com/v/naip/folder/18143768121> Note: Imagery is broken down by county. County code is needed to determine which dataset is to be downloaded. A list of county codes can be found on Wikipedia.

Transportation (roads, railroads, and airports)

Dataset name: Oregon Transportation Network

Data currentness: 20150101

Accuracy/Scale: 1:24k

Metadata: <http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7BA3F15E64-538A-43AD-9FEA-7F14DCE4075B%7D>

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are road names part of the dataset? Yes

Dataset source: Oregon Spatial Data Library

Data download:

<http://spatialdata.oregonexplorer.info/geoportal/details?id=a3f15e64538a43ad9fea7f14dce4075b>

Dataset contact:

Chad Brady

13th St NE Suite 2 Salem, OR 97301

(503)986-3164 x555

chad.w.brady@odot.state.or.us

Dataset name: Oregon Railroads

Data currentness: 20160229

Accuracy/Scale: Not Specified

Metadata: <http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7BCFA08D7A-CE6A-4467-89C2-ACB987967549%7D>

Horizontal datum: NAD 83.

Fee associated? No.

Available for redistribution? Yes

Are names part of the datasets? Yes

Dataset source: Oregon Spatial Data Library

Data download:

<http://spatialdata.oregonexplorer.info/geoportal/details?id=cfa08d7ace6a446789c2acb987967549>

Dataset contact:

Geographic Information Services Unit, Oregon Department of Transportation.

13th St. NE Suite #2 Salem, OR 97301

(503)986-3154 555

ODOTGISFramework@odot.state.or.us

Dataset name: Oregon Signed Routes

Data currentness: 20160229

Accuracy/Scale: Not Specified

Metadata: <http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7B5C0DF072-6A99-4613-ACAF-600C630A5109%7D>

Horizontal datum: NAD 83.

Fee associated? No

Available for redistribution? Yes

Are road names part of the dataset? Yes

Dataset source: Oregon Spatial Data Library

Data Download:

<http://spatialdata.oregonexplorer.info/geoportal/details?id=5c0df0726a994613acaf600c630a5109>

Dataset contact: Charles McConnell

Charles.H.McConnell@odot.state.or.us

(503)986-4386 x555

Dataset name: Oregon Bridges

Data currentness: 20140714

Accuracy/Scale: Not Specified

Metadata: <http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7B022EA3E8-756B-4632-BA37-7558336D268D%7D>

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are bridge names part of the dataset? Yes

Dataset source: Oregon Spatial Data Library

Data download:

<http://spatialdata.oregonexplorer.info/geoportal/details?id=022ea3e8756b4632ba377558336d268d>

Dataset contact: Bert Hartman

4040 Fairview Industrial Dr SE. MS#4 Salem, OR 97302

Bert.H.HARTMAN@odot.state.or.us

(503)986-3395

Hydrography (rivers, streams, lakes, and shorelines)

Dataset name: National Hydrography Dataset (NHD) for Oregon

Data currentness: ~~20181019~~20191017. Updated quarterly.

Accuracy/Scale: 1:24,000 scale for the National Hydrography Dataset.

Horizontal datum: NAD 83.

Fee associated? No.

Available for redistribution? Yes

Are hydrography names part of the dataset? Yes

Dataset source: United States Geological Survey

Metadata: [https://prd-](https://prd-tnm.s3.amazonaws.com/StagedProducts/Hydrography/NHD/State/HighResolution/GDB/NHD_H_Oregon_State_GDB.xml)

[tnm.s3.amazonaws.com/StagedProducts/Hydrography/NHD/State/HighResolution/GDB/NHD_H_Oregon_State_GDB.xml](https://prd-tnm.s3.amazonaws.com/StagedProducts/Hydrography/NHD/State/HighResolution/GDB/NHD_H_Oregon_State_GDB.xml)

Data Download (USGS): [http://prd-tnm.s3-website-us-west-](http://prd-tnm.s3-website-us-west-2.amazonaws.com/?prefix=StagedProducts/Hydrography/NHD/State/HighResolution/GDB/)

[2.amazonaws.com/?prefix=StagedProducts/Hydrography/NHD/State/HighResolution/GDB/](http://prd-tnm.s3-website-us-west-2.amazonaws.com/?prefix=StagedProducts/Hydrography/NHD/State/HighResolution/GDB/)

Dataset contact: nhd@usgs.gov

Dataset name: Oregon Hydrography

Data currentness: Not Stated but Metadata references February 2012

Accuracy/Scale: 1:24,000; This high-resolution NHD, generally developed at

1:24,000/1:12,000 scale, adds detail to the original 1:100,000-scale NHD. (Data for Alaska, Puerto Rico and the Virgin Islands was developed at high-resolution, not 1:100,000 scale.)

Horizontal datum: NAD 83

Fee associated? No.

Available for redistribution? Yes

Are hydrography names part of the dataset? Yes

Dataset source: Oregon Spatial Data Library

Metadata: [http://spatialdata.oregonexplorer.info/osdl-](http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7BC56AF1D4-A190-40E9-8E25-C05ABC5E690F%7D)

[geoportal/rest/document?id=%7BC56AF1D4-A190-40E9-8E25-C05ABC5E690F%7D](http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7BC56AF1D4-A190-40E9-8E25-C05ABC5E690F%7D)

Data download:

<http://spatialdata.oregonexplorer.info/geoportal/details?id=c56af1d4a19040e98e25c05abc5e690f>

Dataset contact: <http://ask.usgs.gov>

1-888-ASK-USGS

507 National Center Reston, VA 20192

Dataset name: Oregon Watershed Boundary Dataset

Data currentness: 20130110

Accuracy/Scale: 1:24,000 scale that satisfies the national requirement for a seamless hydrologic unit boundary dataset for the nation.

Horizontal datum: NAD 83

Fee associated? No.

Available for redistribution? Yes

Are hydrography names part of the dataset? Yes

Dataset source: Oregon Spatial Data Library, Oregon Bureau of Land Management

Metadata: [http://spatialdata.oregonexplorer.info/osdl-](http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7B4B1B008D-5A76-4A20-9B2D-F040689C0779%7D)

[geoportal/rest/document?id=%7B4B1B008D-5A76-4A20-9B2D-F040689C0779%7D](http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7B4B1B008D-5A76-4A20-9B2D-F040689C0779%7D)

Data download:

<http://spatialdata.oregonexplorer.info/geoportal/details?id=4b1b008d5a764a209b2df040689c0779>

Dataset contact: Oregon Bureau of Land Management

Dataset name: Oregon Rivers

Data currentness: Original: 1990s, geo-referenced and modified: 20090616
Accuracy/Scale: 1:100,000 enhancement from the pre-existing 1:250,000 scale.
Horizontal datum: NAD 83
Fee associated? No

Available for redistribution? Yes

Are hydrography names part of the dataset? Yes

Dataset source: USGS in cooperation with Bonneville Power Administration, the Northwest Power Planning Council, and other Federal and state agencies and NW Indian Tribes.

Metadata: <http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7B161B8E74-E7EF-4571-80FB-A6429C9EE1EE%7D>

Data download:

<http://spatialdata.oregonexplorer.info/geoportal/details?id=161b8e74e7ef457180fba6429c9ee1ee>

Dataset contact: gis@gis.state.or.us <http://gis.state.or.us> 503.378.2166

Geospatial Enterprise Office

955 Center St. NE Room 470. Salem, OR 97301.

Credit: Martin Hudson

Notes: Data was provided as is and therefore may have mistakes. Noted in data download page.

Dataset name: Oregon Waterbodies

Data currentness: Derived from sectional maps of the 1970 National Atlas of the United States of America. Modified 20090616

Accuracy/Scale: Derived from the 1:2,000,000 scale sectional maps from 1970.

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are hydrography names part of the dataset? No

Dataset source: Oregon Geospatial Enterprise Office

Metadata: <http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7B3A2D5A62-8A3B-4F4E-8F45-DC5212DD6857%7D>

Data download:

<http://spatialdata.oregonexplorer.info/geoportal/details?id=3a2d5a628a3b4f4e8f45dc5212dd6857>

Dataset contact: gis@gis.state.or.us <http://gis.state.or.us> 503.378.2166

Geospatial Enterprise Office

955 Center St. NE Room 470. Salem, OR 97301.

Credit: Martin Hudson

Field Code Changed

Political boundaries (county, municipal)

Dataset name: Oregon Urban Growth Boundaries

Data currentness: ~~2017 (Time period December 31, 1979 – December 31, 2017)~~2016

Accuracy/Scale: Not Specified

Horizontal datum: NAD 83

Are political names part of this dataset? Yes

Fee associated? No.

Available for redistribution? Yes.

Dataset source: Oregon Department of Land Conservation and Development

Data Download:

<https://spatialdata.oregonexplorer.info/geoportal/details?id=78e77e0a958646d5aeb2c194e47b1c1b>

Metadata: <https://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7B78E77E0A-9586-46D5-AEB2-C194E47B1C1B%7D>

Dataset contact: Robert Mansolillo

635 Capitol St NE Salem OR 97301

Robert.mansolillo@state.or.us 503.934.0053

Dataset name: Oregon City Limits

Data currentness: 20171027

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Political names available? Yes

Dataset source: Oregon Department of Transportation

Metadata: <http://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7B8D10D0A7-50AC-4694-A912-2DF2BF25A6E9%7D>

Data download:

<http://spatialdata.oregonexplorer.info/geoportal/details?id=8d10d0a750ac4694a9122df2bf25a6e9>

Dataset contact: ODOTGISFramework@odot.state.or.us

Dataset name: Oregon Counties – 2015

Data currentness: Published 2015, based on data from 1999 on.

Accuracy/Scale: Not Stated.

Horizontal datum: NAD 83

Fee associated? No.

Available for redistribution? Yes.

Dataset source: Oregon Bureau of Land Management

<http://spatialdata.oregonexplorer.info/geoportal/details?id=361c06fee9de4e24a72e280fb386a771>

Metadata: <https://spatialdata.oregonexplorer.info/osdl->

Formatted: Normal

geoportal/rest/document?id=%7B361C06FE-E9DE-4E24-A72E-280FB386A771%7D

Dataset contact: cplank@blm.gov 503.808.6145

Bureau of Land Management PO Box 2965 Portland OR, 97208

Publicly owned lands (national, state, and local parks, forests, etc)

Dataset name: Oregon Land Management

Data currentness: 20150108

Accuracy/Scale: Not Stated

Horizontal datum: NAD 83. Fee associated? No.

Available for redistribution? Yes.

Dataset source: Oregon Bureau of Land Management

<http://spatialdata.oregonexplorer.info/geoportal/details?id=9b644e0f7a7d4124a50f6b35c05626ae>

Dataset contact: gis.info@oregon.com

ODF 2600 State St Salem, OR 97310

Public land survey system (PLSS) (township and section lines)

Dataset name: Oregon Public Land Survey System

Data currentness: 20090610

Accuracy/Scale: 1:100,000

Horizontal datum: NAD 83. Fee associated? No.

Available for redistribution? Yes.

Dataset source: Geospatial Enterprise Office

<http://spatialdata.oregonexplorer.info/geoportal/details?id=4aaf1ea7f0d1424f97dcf0c70d0c8bc0>

Metadata: <https://spatialdata.oregonexplorer.info/osdl-geoportal/rest/document?id=%7B4AAF1EA7-F0D1-424F-97DC-F0C70D0C8BC0%7D>

Dataset contact:

Geospatial Enterprise Office 955 Center St NE Room 470 Salem, OR 97301

gis@gis.state.or.us 503.378.2166

Cadastral (parcels)

Note: Downloaded county by county as needed. Each county should have their own parcel data from GIS or Assessors data. If not online, reach out to the GIS contact after checking with the RSC for available data already collected.

~~Oregon Taxlot Viewer is available here: <http://www.ormap.net/flexviewer/index.html> through the Oregon Map GIS Viewer. Viewer is unavailable. Website with county links here: <https://www.oregon.gov/DOR/programs/property/Pages/county-contact.aspx>~~

~~Also available here: <https://publicrecords.onlinesearches.com/Oregon-Assessor-and-Property-Tax-Records.htm>~~

Terrain (elevation)

Dataset name: 30 Meter Digital Elevation Model (DEM) Files

Data currentness: ~~20081223~~201702

Accuracy/Scale: 10 meter x 10 meter; Elevation value is in feet.

Vertical datum: NAVD 88.

Fee associated? No.

Available for redistribution? Yes.

Dataset source: USGS and Bureau of Land Management

<https://spatialdata.oregonexplorer.info/geoportal/details?id=7a82c1be50504f56a9d49d13c7b4d9aa>

~~<https://www.oregon.gov/geo/Pages/sdlibrary.aspx>~~

Note: DEM can be obtained by scrolling down to "10 meter statewide DEM geodatabase provided "as-is" by ODF"

Dataset contact: gis@gis.state.or.us

Dataset name: 1-meter Digital Elevation Models (DEMs) – USGS National MAP 3DEP Downloadable Data Collection

Data currentness: 20170101; updated as needed

Accuracy/Scale: 1 meter DEM; 10,000 meter by 10,000 meter tiled data

Vertical datum: unknown

Fee associated? No.

Available for redistribution? Yes.

Dataset source: 3DEP <https://catalog.data.gov/dataset/usgs-national-elevation-dataset-1-meter-downloadable-data-collection-from-the-national-map>

Dataset contact: U.S. Geological Survey (Point of Contact)

Note:

Use Constraints: There is no guarantee or warranty concerning the accuracy of the data. Users should be aware that temporal changes may have occurred since these data were collected and that some parts of these data may no longer represent actual surface conditions. Users should not use these data for critical applications without a full awareness of its limitations. Acknowledgement of the originating agencies would be appreciated in products derived from these data. Any user who modifies the data is obligated to describe the types of modifications they perform. User specifically agrees not to misrepresent the data, nor to imply that changes made were approved or endorsed by the USGS. Please refer to <https://www.usgs.gov/privacy.html> for the USGS disclaimer.

Access Constraints: None. Any downloading and use of these data signifies a user's agreement to comprehension and compliance of the USGS Standard Disclaimer. Insure all portions of metadata are read and clearly understood before using these data in order to protect both user and USGS interests.

For more information on other sources of elevation data for Oregon, either currently available or planned, including local LIDAR projects, see the Oregon Department of Geology and Mineral Industries (DOGAMI) site at: <https://www.oregongeology.org/>

Data viewer: <https://gis.dogami.oregon.gov/maps/lidarviewer/>

Useful Risk MAP Discovery Data Sources

Preliminary information on Discovery data sources is provided in this document to reduce the level of effort needed on each subsequent Discovery data collection effort.

Coordination with local community sponsors for additional local data remains an integral part of Discovery and local data should be used where appropriate.

The National Geospatial Data Coordination Procedure document contains information on data resources available from other Federal agencies (OFAs), including those that FEMA maintains at the national level, and should be used in conjunction with this State Geospatial Data Coordination Procedure document. In addition, FEMA and its contractors have created a geospatial Discovery Data Repository to host data that are not readily accessible through direct sources such as Web sites or subscription services and/or are not updated on a frequent basis. Instructions on accessing the Discovery Data Repository are given in the national Geospatial Data Coordination Procedure document.

Table 1 identifies data resources that are available at the regional and State levels, and if there are no data available other than the national datasets. Resources in this table have been identified as appropriate for Discovery projects and may not represent the best data sources for FIRM production (please see the Preferred Base Map Sources section of this document for geospatial data that meets FIRM production requirements).

Table 1. Discovery Data Resources

Data	Data Source	Location
Watershed boundaries	National	Discovery Data Repository
Jurisdictional boundaries	National	Discovery Data Repository
Tribal land boundaries	National	Discovery Data Repository
State lands	Regional/State/Local	
Federal lands	National	Discovery Data Repository
Major roads	Regional/State/Local National	Discovery Data Repository
Streams	Regional/State/Local National	Discovery Data Repository
Coastal Barrier Resource Areas	National	Discovery Data Repository
Coordinated Needs Management Strategy	National	https://hazards.fema.gov/femaportal/resources/rsc_contacts.htm See National Operating Procedure

Topographic / bathymetric data	National	See National Operating Procedure
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Data	Data Source	Location
AAL data from HAZUS	State	http://startrac.atgteams.com/library/AA/L/Forms/AllItems.aspx Contact the RSC if help is needed retrieving the data.
Coverage areas for known community and Tribal risk assessment data	Regional/State/Local	
Status of Hazard Mitigation Plans	Regional	Richard.Foody@fema.dhs.gov miphelp@riskmapcads.com
Flood control structure data	National	See National Operating Procedure
Locations of stream gages	National	Discovery Data Repository
Locations of past flood claims and repetitive loss properties	CIS Report	Contact the geospatial data coordination lead at your RSC referenced earlier in this document.
Locations of clusters of Letters of Map Change	National	See National Operating Procedure
Known flooding issues not represented on effective FIRMs or listed in Coordinated Needs Management Strategy database	Regional/State/Local	
Areas of planned development	Regional/State/Local	
Areas of land use change datasets	National Regional/State/Local	
Locations of ongoing projects or updated stream studies (e.g. highway improvements)	Regional/State/Local	
Locations of wave and tide gauges	National	N/A
Locations of wind gauges	National	N/A
Proposed inland limit of the Primary Frontal Dune, if present	Regional/State/Local	N/A
Locations of any beach nourishment or dune restoration projects	SLOSH Zones	N/A
Comparison of preliminary stillwater elevations with effective stillwater elevations	Regional/State/Local	
Available effective study data	National	See National Operating Procedure
Orthophotography	National	See National Operating Procedure

Data	Data Source	Location
Proposed discussion areas, problem areas, areas of proposed mitigation projects	Regional/State/Local	
Land use and soil information	Land Use Soils	See National Operating Procedure
Reference points to locate areas with flooding issues	Regional/State/Local	
Hydraulic structures	Culverts Levees, Dams, Bridges	Regional/State/ Local See National Operating Procedure
Coastal structures, including flood protection structures, shoreline structures, manmade embankments, surge conveyance pathways, and shoreline change data	Regional/State/Local	N/A
Local structure and topographic data from the existing hazard mitigation plans	Regional/State/Local	
Historic inundation areas and high water marks	Historic Riverine Inundation Areas Storm Surge Inundation Areas High Water Marks	See National Operating Procedure Regional/State/ or Local
Clusters or locations of Individual Assistance/ Public Assistance grants and locations of grant projects completed, planned, or underway	National	See National Operating Procedure
Locations of projects and structures completed or planned for FEMA Hazard Mitigation Assistance grant programs or mitigation funds from other agencies or entities, such as the Small Business Administration	National	See National Operating Procedure
Other information on FEMA grants, as described in G&S Appendix I	Regional/State/Local	HMA Tracking Tool
Any data deficiencies identified in hazard mitigation plans	Regional/State/Local	
Information from FloodSmart on market penetration	FEMA	http://www.floodsmart.gov/floodsmart/
Community Assistance Visits/ Community Assistance Contacts	National	Discovery Data Repository
Community Rating System class information	National	See National Operating Procedure

Data	Data Source	Location
Information from other Federal agencies	National Only	See National Operating Procedure
Information from State agencies, non-profit organizations, universities, etc.	Regional/State/Local	
Current community plans, ordinances, or programs to alleviate flooding or manage stormwater	Regional/State/Local	
Other known hazards with geographical boundaries (e.g. earthquake faults)	Tsunami Landslide Volcanic Eruptions Wildfire	Discovery Data Repository
Information on active disasters	Regional/State/Local	Rusty.Rickart@fema.dhs.gov
Campgrounds, recreational areas, emergency access routes, etc.	National	Discovery Data Repository
Federal Grants Pre /Post Disaster	Regional	Greg.Tatara@fema.dhs.gov
Critical Facilities	Regional	Lee.Traeger@fema.dhs.gov

Data Distribution Process for State Data

Oregon Data is provided by several agencies and data distribution guidelines should be followed for each agency. A general Oregon GIS Data Standards and Best Practices information guideline is available through the Oregon Geospatial Enterprise Office here: <https://www.oregon.gov/geo/Pages/standards.aspx>

A guideline for the compatibility of data within Oregon can be found here: <https://www.oregon.gov/geo/standards/Oregon%20Geodata%20Compatibility%20Guidelines.pdf>.

Federal Nationwide Geospatial Data Holdings

Information about nationwide holdings and programs of Federal agencies is available from the Mapping Information Platform web site at <https://hazards.fema.gov/femaportal/docs/ProgFacts.pdf>.

<https://www.usgs.gov/core-science-systems/national-geospatial-program/national-map>

Finding and Accessing Other Existing Geospatial Data

Find below the information about and links to ways of searching for additional geospatial data available for the State. These capabilities can be useful for finding geospatial data other than the statewide and Federal data listed above, including those of special government districts, counties and parishes, municipalities, tribes, universities, and other organizations.

Spatial Libraries and Inventories for the State

The Oregon Geospatial Data Clearinghouse (OGDC) serves as a convenient source for geographic data, ranging from simple state maps to complex geospatial data needed to power Geographic Information Systems.

Coordinated by the Oregon Geospatial Enterprise Office, the OGDC provides access to a wide variety of sources making it your "First Stop" for geographic data for Oregon. A complete list of Oregon geospatial map and data resources can be accessed at:

<https://www.oregon.gov/geo/pages/index.aspx>

Access Oregon's Geospatial Enterprise Office here:

<https://www.oregon.gov/geo/pages/index.aspx>

Important features of the Clearinghouse include:

GIS Data: <https://www.oregon.gov/geo/Pages/sdlibrary.aspx>

Oregon GIS Contact Information: <https://www.oregon.gov/geo/Pages/contacts.aspx>

GIS Standards: <https://www.oregon.gov/geo/Pages/standards.aspx>

National Elevation Dataset (NED) and 3D Elevation Program (3DEP)

These systems allow the search of orthophoto and elevation project information entered by Federal and other organizations. The NEP system can be accessed at <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/ngce/elevation/>. The 3DEP system can be accessed at <https://www.usgs.gov/core-science-systems/ngp/3dep>

National Digital Orthophoto Program (NDOP) and National Digital Elevation Program (NDEP) Tracking Systems

These systems allow the search of orthophoto and elevation project information entered by federal and other organizations. To access the NDOP system, go to the NDOP web site at <http://www.ndop.gov> and follow the link "Project Tracking." For the NDEP system, go to the NDEP web site at <http://www.ndep.gov> and follow the link "Project Tracking."

TED Query Tool

This tool provides access to information about Federal, state, and local government agency and private sector data holdings gathered by the Census Bureau. It is available through the geospatial data coordination lead at the Regional Support Center.

Working with People

Useful State and Federal Contacts

The main contacts for the State's geospatial activities and Federal agencies' representatives in State are available on the Mapping Information Platform web site at

<https://hazards.fema.gov/contacts/statecontacts/contacts.asp?page=OR>

Additional useful contacts for the State can be found on the Oregon GIS Contact Information page on: <https://www.oregon.gov/geo/Pages/contacts.aspx>

Involving the State's Geospatial Coordinator in Flood Studies

In order to participate in the FEMA flood hazard mapping effort, please contact: State National Floodplain Insurance Program (NFIP) Coordinator:

Celinda Adair

(503) 934-0069

celinda.adair@state.or.us

State Coordination Process for Building Geospatial Partnerships

Oregon Geospatial Enterprise Office provides a meeting place for Oregon's GIS data to be housed and shared: <https://www.oregon.gov/geo/pages/index.aspx>. As stated from the Office's page: The Geospatial Enterprise Office (GEO) coordinates with government agencies to develop and manage geographic information. It communicates about Geographic Information Systems (GIS) issues with users. It guides development of Oregon's GIS data standards. Working together, state, federal, and local governments are improving the geographic information they share. GEO is also the State's point of contact for other organizations about geographic information and GIS. GEO also hosts the Oregon Geospatial Data Clearinghouse, an electronic library of geographic information.

Oregon Department of Geology and Mineral Industry houses current, planned, and completed LiDAR projects and data. <https://www.oregongeology.org/lidar/>. This data can be viewed or downloaded from their online web viewer: <https://qis.dogami.oregon.gov/maps/lidarviewer/>.

Finding Local Geospatial Contacts

Local contacts, including those from special government districts (for example, a regional planning commission); counties, or equivalent governments; tribes, municipal governments; and other organizations (for example, local universities) also have geospatial data that can help a flood insurance study. Contact information is available from the FEMA archive and web searches at government link portals such as <http://www.statelocalgov.net>.

Local Contact Information can be obtained at the jurisdiction level. Most counties provide information on who their GIS contact is. As a general rule, users should check with the RSC to determine if needed data is already available prior to reaching out to the county.

The State also maintains information about local geospatial contacts:

County Contacts: <https://www.oregon.gov/geo/GIS%20Contacts/County%20Contacts.pdf>.

Tribal Contacts: <https://www.oregon.gov/geo/GIS%20Contacts/Tribal%20Contacts.pdf>

City Contacts: <https://www.oregon.gov/geo/GIS%20Contacts/City%20Contacts.pdf>

Regional Government and Council Contacts:
<https://www.oregon.gov/geo/GIS%20Contacts/Regional%20Government%20and%20Council%20Contacts.pdf>

State Agency Contacts:
<https://www.oregon.gov/geo/GIS%20Contacts/State%20Agency%20Contacts.pdf>

Federal Contacts: <https://www.oregon.gov/geo/GIS%20Contacts/Federal%20Contacts.pdf>

Provide Feedback on This Procedure

When you find information in this Procedure or in other FEMA or State resources that are outdated, please tell the geospatial data coordination lead in the Regional Support Center what was wrong and the correct information (if you know it). Use the contact information for the lead listed in the section Purpose of the Procedure.

The lead will use your feedback to update and redistribute this Procedure.