State Geospatial Data Coordination Procedure

WASHINGTON

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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: Digital Aerial Photography
Data currentness: Varied
Accuracy/Scale: Varied
Ground sample resolution: 6 inches – 10 feet
Horizontal datum: NAD 83
Fee associated? No.
Available for redistribution? Yes
Dataset source: Washington State Geospatial Data Archive
Metadata: Varied from data download site
Data download: http://wagda.lib.washington.edu/data/type/photography/ has several options
of downloadable aerial photography.
Dataset contact: University of Washington Libraries

Note: Individual county ortho photos can be downloaded through the USGS Geospatial Data
Gateway. You must know the county number you are looking for in order to download the
correct file. Data is organized in a nested format from Year to State to County. Data:
https://nrcs.app.box.com/v/naip

For more information on other sources of air photos for Washington, either currently available
or planned, see the Puget Sound LiDAR Consortium. A log-in is required to view the data but
can be downloaded as needed.

Transportation (roads, railroads, and airports)

Dataset name: WSDOT – State Route
Data currentness: 2017 for the scale provided below
Accuracy/Scale: 1:500,000
Horizontal datum: NAD 83
Fee associated? No
Available for redistribution? Yes
Are road names part of the dataset? Yes
Dataset source: Washington State Department of Transportation
Data download: http://geo.wa.gov/datasets/WSDOT::wsdot-state-route-1500k
Dataset contact:
Thomas A. Blake
PO Box 47384 Olympia, WA 98504
360.570.2363
blaket@wsdot.wa.gov

Dataset name: TIGER/Line Shapefile 2015 nation, US Rails National Shapefile
Data currentness: September 14, 2015
Accuracy/Scale: Not Specified
Horizontal datum: NAD 83.
Fee associated? No.
Available for redistribution? Yes
Are names part of the datasets? Yes
Dataset source: United States Census Bureau
Data download: https://catalog.data.gov/dataset/tiger-line-shapefile-2015-nation-u-s-rails-national-shapefile
Dataset contact: Not specified; data.gov has the information and general contact information through them. https://www.data.gov/

Notes: Access Constraints: None, Use Constraints: The TIGER/Line Shapefile products are not copyrighted however TIGER/Line and Census TIGER are registered trademarks of the U.S. Census Bureau. These products are free to use in a product or publication; however, acknowledgment must be given to the U.S. Census Bureau as the source. The horizontal spatial accuracy information present in these files is provided for the purposes of statistical analysis and census operations only. No warranty, expressed or implied is made with regard to the accuracy of the spatial accuracy, and no liability is assumed by the U.S. Government in general or the U.S. Census Bureau, specifically as to the spatial or attribute accuracy of the data. The TIGER/Line Shapefiles may not be suitable for high-precision measurement applications such as engineering problems, property transfers, or other uses that might require highly accurate measurements of the earth's surface. Coordinates in the TIGER/Line shapefiles have six implied decimal places, but the positional accuracy of these coordinates is not as great as the six decimal places suggest.

Dataset name: National Highway System State Routes
Data currentness: 20180415, updated annually
Accuracy/Scale: Due to the diverse sources of this data, no accuracy statement is available.

Horizontal datum: NAD 83.
Fee associated? No.
Available for redistribution? Yes
Are road names part of the dataset? No names, only route numbers
Dataset source: Washington State Department of Transportation
Data Download: http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm#main
Dataset contact:
Patrick Whittaker~~Thomas A. Blake~~, HPMS / FC Supervisor~~Data Products Supervisor~~
7345 Linderson Way SW Tumwater, WA 98501
360-570-2370~~(360)570-2363~~
whittap@wsdot.wa.gov~~blaket@wsdot.wa.gov~~

Dataset name: National Highway System Local Roads
Data currentness: 20180415, updated annually
Accuracy/Scale: Due to the diverse sources of this data, no accuracy statement is available.
Horizontal datum: NAD 83.
Fee associated? MetroGIS Endorsed dataset – available via license only
Available for redistribution? No
Are road names part of the dataset? No
Dataset source: Washington State Department of Transportation
Metadata:
http://www.wsdot.wa.gov/mapsdata/geodatacatalog/Maps/noscale/DOT_TDO/NHS/NatHwySysLocal.htm
Data download:http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm
Dataset contact:
Patrick Whittaker
7345 Linderson Way SW Tumwater, WA 98501
whittap@wsdot.wa.gov
(360)570-2370

Hydrography (rivers, streams, lakes, and shorelines)

Dataset name: National Hydrography Dataset for Washington
(Hi-Resolution NHD, 24k-4k)
Data currentness: Varied and not updated regularly
Accuracy/Scale: 1:24,000-scale but more specifically: This high-resolution NHD, generally is developed at 1:24,000/1:12,000 scale, but many areas of Washington State have been improved to 1:4800 scale. NHD data was originally developed at 1:100,000-scale and exists at that scale for the whole country. Local resolution NHD is being developed where partners and data exist. The NHD contains reach codes for networked features, flow direction, names, and centerline representations for areal water bodies. Stream Orders in Washington State range from 1 to 10. The smallest headwater streams are a 1, and the Columbia River is a 10.
Horizontal datum: NAD 83
Fee associated? No.
Available for redistribution? Yes
Are hydrography names part of the dataset? Yes
Dataset source: WA Department of Ecology
Metadata: https://fortress.wa.gov/ecy/gispublic/DataDownload/ECY_WAT_NHDWA.htm
Data Download: https://ecology.wa.gov/Research-Data/Data-resources/Geographic-Information-Systems-GIS/Data
Christina Kellum
GIS Manager
christina.kellum@ecy.wa.gov
360-407-6088Dataset contact:
Earth Science Information Center, US Geological Survey
1-888-ASK-USGS
ask@usgs.gov

Dataset name: Dams in Washington State
Data currentness: 20170621
Accuracy/Scale: Not Specified
Horizontal datum: NAD 83. Fee associated? Must request data through portal
Available for redistribution? Yes
Are hydrography names part of the dataset? Yes, under DAM_NM
Dataset source: WA Department of Ecology
Metadata: https://fortress.wa.gov/ecy/gispublic/DataDownload/WR_WAT_Dams.htm
Data download: https://ecology.wa.gov/Research-Data/Data-resources/Geographic-Information-Systems-GIS/Data
Dataset contact:
Amy Pearson
(360)407-7122
amy.pearson@ecy.wa.gov

Dataset name: National Hydrography Dataset (NHD) 24k: Major Areas, Streams, &

Waterbodies
Data currentness: 20180307, irregular updates
Accuracy/Scale: This high-resolution NHD, generally developed at 1:12,000/1:24,000 scale, adds detail to the original 1:100,000-scale NHD. Local resolution NHD is being developed where partners and data exist. The NHD contains reach codes for networked features, flow direction, names, and centerline representations for areal water bodies. Reaches are also defined on waterbodies and the approximate shorelines of the Great Lakes, the Atlantic and Pacific Oceans and the Gulf of Mexico. The NHD also incorporates the National Spatial Data Infrastructure framework criteria established by the Federal Geographic Data Committee.
Horizontal datum: NAD 83
Fee associated? No.
Available for redistribution? Yes
Are hydrography names part of the dataset? Yes
Dataset source: WA Department of Ecology
Metadata: Major Areas:
https://fortress.wa.gov/ecy/gispublic/DataDownload/ECY_WAT_NHDWAMajorAreas.htm
Major Streams:
https://fortress.wa.gov/ecy/gispublic/DataDownload/ECY_WAT_NHDWAMajorStreams.htm
Major Waterbodies:
https://fortress.wa.gov/ecy/gispublic/DataDownload/ECY_WAT_NHDWAMajorStreams.htm
Data download: https://ecology.wa.gov/Research-Data/Data-resources/Geographic-Information-Systems-GIS/Data
Dataset contact:
Anita Stohr
(360) 407-7128
anita.stohr@ecy.wa.gov

Dataset name: Washington State Levee Inventory
Data currentness: 20101101
Accuracy/Scale: Compiled from multiple sources onto a USGS 1:24,000-scale quadrangle map base.
Horizontal datum: NAD 83
Fee associated? No
Available for redistribution? Yes
Are hydrography names part of the dataset? Yes
Dataset source: WA Department of Ecology
Data Download: https://ecology.wa.gov/Research-Data/Data-resources/Geographic-Information-Systems-GIS/Data
Metadata:
https://fortress.wa.gov/ecy/gispublic/DataDownload/SEA_WAT_LeveeInventory.htm
Dataset contact:
Jerry Franklin, RiskMAP Coordinator
(360) 407-7470
jerry.franklin@ecy.wa.gov

Distribution Information:
Washington State Department of Ecology
Rich Kim
Spatial Database Administrator
(360) 407-6121
rich.kim@ecy.wa.gov

Political boundaries (county, municipal)

Dataset name: City Limits
Data currentness: 20181003
Accuracy/Scale: 1:24,000, National Map Accuracy Standards
Horizontal datum: NAD 83
Fee associated? No.
Available for redistribution? Yes.
Names associated? Yes
Dataset source: http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm
Dataset contact:
Kandie Rackleff
PO Box 47384 Olympia, WA 98504
(360)570-2366
racklek@wsdot.wa.gov

Dataset name: City Centroids of Washington State
Data currentness: 20100108
Accuracy/Scale: Variable; 1:24,000
Horizontal datum: NAD 83
Fee associated? No
Available for redistribution? Yes
Names associated? Yes
Dataset source: Washington Department of Transportation
Metadata: http://www.wsdot.wa.gov/mapsdata/geodatacatalog/Maps/noscale/DOT_Cartog/citypoints.htm
Data download: http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm#main
Dataset contact:
Derek Drake
818 79th Ave SE, Suite B, Tumwater, WA 98501
(360)596-8923
draked@wsdot.wa.gov

Dataset name: WA County Boundaries
Data currentness: 20180716
Accuracy/Scale: Not Specified
Horizontal datum: WGS 84
Fee associated? No.
Available for redistribution? Yes.
Dataset source: Washington Geospatial Open Data Portal
http://geo.wa.gov/datasets/wadnr::wa-county-boundaries
https://fortress.wa.gov/dnr/adminsa/gisdata/datadownload/WA_County_Bndys.zip
Metadata source:
https://www.arcgis.com/sharing/rest/content/items/12712f465fc44fb58328c6e0255ca27e/info/metadata/metadata.xml?format=default&output=html

Dataset contact: None Specified; general Washington Geospatial Open Data Portal Contact

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

Dataset name: WA Major Public Lands (non-DNR)
Data currentness: 20180212
Accuracy/Scale: Not Specified
Horizontal datum: NAD 83.
Fee associated? No.
Available for redistribution? Yes.
Dataset source: WA Department of Natural Resources
http://data-wadnr.opendata.arcgis.com/datasets/wa-major-public-lands-non-dnr
Dataset contact:
Elizabeth Eberle, WA Department of Natural Resources
(360) 902-1222
elizabeth.eberle@dnr.wa.gov

Dataset name: WA DNR Regions
Data currentness: 20180716
Accuracy/Scale: Not Specified
Horizontal datum: NAD 83.
Fee associated? No.
Available for redistribution? Yes.
Dataset source: WA Department of Natural Resources
http://data-wadnr.opendata.arcgis.com/datasets/770b6bd6f5e3463bade4d61759eb2569_3
Dataset contact:
Justin Holt, WA Department of Natural Resources
(360)902-1206
justin.holt@wadnr.gov

Dataset name: WA DNR Managed Land Parcels
Data currentness: 20180320
Accuracy/Scale: Not Specified
Horizontal datum: NAD 83.
Fee associated? No.
Available for redistribution? Yes.
Dataset source: WA Department of Natural Resources http://data-wadnr.opendata.arcgis.com/datasets/f0419317aee24072846efb73e75b0755_6
Dataset contact:
Justin Holt, WA Department of Natural Resources
(360)902-1206
justin.holt@wadnr.gov

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

Dataset name: WA Public Land Survey Townships
Data currentness: 20180320
Accuracy/Scale: In the Public Land Survey System a Township refers to a unit of land, that is nominally six miles on a side, usually containing 36 sections, some of which are designed to correct for the convergence of meridians or range lines, with boundaries conforming to meridians and parallels within established limits.
Horizontal datum: WGS 84
Fee associated? No.
Available for redistribution? Yes.
Dataset source: Washington Department of Natural Resources
http://data-wadnr.opendata.arcgis.com/datasets/wa-public-land-survey-townships
Dataset contact: Justin Holt
Land Survey Unit Manager
360-902-1206
justin.holt@dnr.wa.govNot specified

Dataset name: WA Public Land Survey Sections
Data currentness: 20180716
Accuracy/Scale: Not Specified
Horizontal datum: WGS 84
Fee associated? No.
Available for redistribution? Yes.
Dataset source: Washington Department of Natural Resources
http://data-wadnr.opendata.arcgis.com/datasets/wa-public-land-survey-sections
Dataset contact:
Justin Holt
Land Survey Unit Manager
360-902-1206
justin.holt@dnr.wa.govNot Specified

Cadastral (parcels)

Dataset name: Washington State Parcels 2017
Data currentness: 2017, updated on browser 20181102
Accuracy/Scale: Not specified; Statewide database of parcels showing site address but not owner.
Horizontal datum: NAD 83.
Fee associated? No
Available for redistribution? Yes
Dataset source: Washington Geospatial Open Data Portal http://geo.wa.gov/datasets/current-parcels
http://geo.wa.gov/datasets/washington-state-parcels-2017
Dataset contact:

Not specified; use generic Washington Geospatial Open Data Portal Contact

Note: Parcels can also be accessed individually by the county. Please first check if the RSC has the parcel data you need and/or check if the data if available online before reaching out to the county directly. If data is not available, please reach out to the county GIS contact.

Terrain (elevation)

Dataset name: 1-meter Digital Elevation Models (DEMs) – USGS National MAP 3DEP Downloadable Data Collection
Data currentness: 20170101; updated as needed
Accuracy/Scale: I 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-ned-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.

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	See National Operating Procedure
Topographic / bathymetric data	National	See National Operating Procedure

Data	Data Source	Location
AAL data from HAZUS	State	http://starrtrac.atgteams.com/library/AAL/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@riskmapcds.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
Information from other Federal agencies	National Only	See National Operating Procedure

Data	Data Source	Location
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

The primary mechanism for redistribution of state-generated geospatial data is through browser-based web services. A great resource to start with can be accessed through the Washington State Office of the Chief Information Officer (OCIO). Redistribution policy, use limitations and warrantee information is provided in metadata.

Access the data manager at: https://ocio.wa.gov/programs/geospatial-program-office

Questions or comments should be sent to: ocio@ocio.wa.gov

Data can be downloaded here: http://geo.wa.gov.

The Washington Geospatial Open Data Portal: http://geo.wa.gov/ is a great resource to begin your search of open data for the State.

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.

Clearinghouses and Inventories for the State

The Washington State Geospatial Open Data Portal provides a resource of knowledge and data that can be easily accessed and downloaded. This portal provides access to many varieties of data including aerial imagery, transportation, and environmental data, among others.

This data can be accessed at the links above or here: http://geo.wa.gov/

Important features of the Portal include:

Local Geospatial Open Data in Washington State: A resource showcasing several Washington State datasets and a web-viewer. Use the map to pan around and click the map to download data.
http://geo.wa.gov/datasets/4fc244e948c24eee9b8f033bbdb4a093?fullScreen=true

Water access sites: Use this layer to showcase locations of all things water.
http://geo.wa.gov/search?q=water

http://geo.wa.gov/datasets/209589e350184638bfad1116920776c7_0

Coastal Area Mapping: For use as a tool in coastal mapping information.
https://fortress.wa.gov/ecy/coastalatlas/

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."
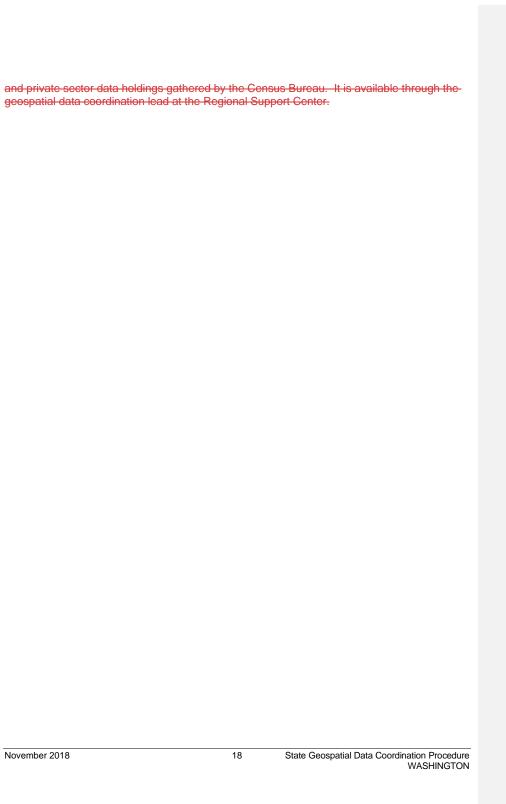
TED Query Tool

This tool provides access to information about Federal, state, and local government agency

| Field Code Changed |
| Field Code Changed |

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: https://hazards.fema.gov/contacts/statecontacts/contacts.asp?page=WA

Additional useful contacts for the State can be found on individual data sites such as:

WA Department of Ecology: https://ecology.wa.gov/Research-Data/Data-resources/Geographic-Information-Systems-GIS/GIS-contacts

WA Department of Natural Resources: http://data-wadnr.opendata.arcgis.com/

WA Department of Transportation: http://www.wsdot.wa.gov/Contact/contacts.htm

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:
David Radabaugh
Washington State Department of Ecology
P.O. Box 47600 Olympia, WA 98504
(425) 649-4260
David.radabaugh@ecy.wa.gov

State Coordination Process for Building Geospatial Partnerships

Many agencies come together to support data sources for the State of Washington. Washington's Geospatial Program Office from the Office of the Chief Information Officer is a great source to begin looking at partnerships in data. This site is your access to the Geospatial Open Data Portal: http://geo.wa.gov/ as well as the go-to for information on open data, Washington State Stakeholders, and geospatial policies: https://ocio.wa.gov/programs/geospatial-program-office/geographic-information-technology-git-committee/governance.

An additional resource is the Puget Sound LiDAR consortium which can be accessed upon creation of an account: http://pugetsoundlidar.ess.washington.edu/. The Puget Sound LiDAR Consortium is your best location for finding data on past, current, and planned LiDAR projects in the area.

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.

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.