

# State Geospatial Data Coordination Procedure

WASHINGTON

*October 2012*



**FEMA**



# State Geospatial Data Coordination Procedure

## Washington

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# State Geospatial Data Coordination Procedure

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# State Geospatial Data Coordination Procedure

## 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 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.pdf>, and in *Scoping Guidelines: Pre-scoping and the Scoping Meeting*, which is available through the Regional Service 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 interested, as well as information for the project Discovery Stage. Studies and Discovery teams 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 Service Center:

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# State Geospatial Data Coordination Procedure

## Default Flood Hazard Base Map for the States

The default base map for flood hazard maps for the State is an orthophoto. Statewide coverage of 18-inch and 36-inch resolution is available either by county or statewide.

## Geospatial Data Coverage

Find below 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.

### Major State Holdings

#### Orthophotos

Dataset name: Washington Orthophotos; NAIP Imagery

Data currentness: August 2007 (statewide), 2009/2010 (NAIP Imagery - by county)

Accuracy/Scale: 1:12,000 (1"=1,000')

Ground sample resolution: 18-inch/0.5-meter (Washington Orthophotos), 36-inch/1-meter (NAIP Imagery)

Horizontal datum: NAD 83 HARN

Fee associated? No

Available for redistribution? Yes, statewide for emergency agencies

Dataset source: Washington State Geospatial Portal at

<http://geography.wa.gov/ortho/>

Dataset contact: Joy Paulus, WAGIC; 360.902.3447; [joyp@dis.wa.gov](mailto:joyp@dis.wa.gov). See NAIP entry in the resource listed under "Federal Nationwide Geospatial Data Holdings" below.

Notes: (1) *Orthoimagery Portal also contains other site specific, higher-resolution orthoimagery across Washington State. To see if this data is available for your project area, contact Joy Paulus.* (2) *In July or August of 2007, 1-meter or half-meter (36- and 18-inch), statewide, flown in May-July of 2006 was made available (a.k.a. Washington Orthophotos). The imagery was developed through a partnership between the State and NAIP. The most recent versions were flown in 2009 and are available statewide. Statewide 1-meter orthophotography is currently planned for 2012.* (3) *NAIP imagery has many uses, and many states participate in NAIP. NAIP is leaf-on imagery and is not cloud-free, and so the ground might be obscured. So, while NAIP (and other such imagery) can be used as a base map, the imagery must be checked to ensure that it provides a clear view of important features on the ground for areas of significance for flooding (see Appendix C of the Geospatial Data Coordination Implementation Guide for more discussion).*

#### Transportation (roads, railroads, and airports)

Dataset name: State Routes of Washington State

Data currentness: 12/31/2009

Accuracy/Scale: 1:24,000 (1"=2,000')

Horizontal datum: NAD 83 HARN

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Fee associated? No

Available for redistribution? Yes

Are road names part of the dataset? Names – No, Route numbers - Yes

Dataset source: Washington DOT at

[http://www.wsdot.wa.gov/mapsdata/geodatacatalog/maps/24k/dot\\_cartog/sr24k.htm](http://www.wsdot.wa.gov/mapsdata/geodatacatalog/maps/24k/dot_cartog/sr24k.htm)

Dataset contact: Thomas A. Blake, WSDOT; 360.570.2363; [blaket@wsdot.wa.gov](mailto:blaket@wsdot.wa.gov)

Notes: *Washington State Department of Transportation (WSDOT) highways, including interstate, U.S., and state routes. Other transportation data are available through*

<http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm#main>.

## Hydrography (rivers, streams, lakes, and shorelines)

Dataset name: Watercourse (WC) Hydrography

Data currentness: Updated monthly

Accuracy/Scale: 1:24,000 (1"=2,000')

Horizontal datum: NAD 83 HARN

Fee associated? No

Available for redistribution? Yes

Are hydrography names part of the dataset? Yes

Dataset source: Washington Department of Natural Resources at

[http://fortress.wa.gov/dnr/app1/data/itd/state\\_hydro.zip](http://fortress.wa.gov/dnr/app1/data/itd/state_hydro.zip) (statewide)

<http://fortress.wa.gov/dnr/app1/dataweb/hydrod.html> (by county)

Dataset contact: Debrah Naslund, WA DNR; 360.902.1666; [debrah.naslund@wadnr.gov](mailto:debrah.naslund@wadnr.gov)

Notes: *WCHYDRO and WBHYDRO together make up the most complete and up to date hydrography layer for the State of Washington. Pacific Northwest Hydro (PNWH) is another good source for hydrography data which provides stewardship for the NHD and WBD datasets.*

## Political boundaries (county, municipal)

Dataset name: Washington State City/UGA Areas

Data currentness: April 2011

Accuracy/Scale: 1:24,000 (1"=2,000')

Horizontal datum: NAD 83 HARN

Fee associated? No

Available for redistribution? Yes

Dataset source: Washington Department of Ecology at

[ftp://www.ecy.wa.gov/gis\\_a/polsub/cityuga.zip](ftp://www.ecy.wa.gov/gis_a/polsub/cityuga.zip)

Dataset contact: Mike Woodall, WA DOE; 360.407.6088; [miwo461@ecy.wa.gov](mailto:miwo461@ecy.wa.gov)

Notes: *Geometry edits made by Ecology GIS staff are based on visual inspection of city/uga boundaries, county parcel boundaries where available and NAIP digital 18" color orthophotos. Where possible boundaries are matched to a county parcel boundary layer using a 10-20 foot snap tolerance in ArcInfo/ArcEdit. Attribute item 'ORIGIN' contains specific boundry line edit information.*

Dataset name: City Limits of Washington State, August 2010

Data currentness: August 2010

Accuracy/Scale: 1:24,000 (1"=2,000')

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Horizontal datum: NAD 83 HARN

Fee associated? No

Available for redistribution? Yes

Dataset source: Washington Department of Transportation at

[http://www.wsdot.wa.gov/mapsdata/geodatacatalog/Maps/24K/DOT\\_Cartog/city.htm](http://www.wsdot.wa.gov/mapsdata/geodatacatalog/Maps/24K/DOT_Cartog/city.htm)

Dataset contact: Derek Drake, WSDOT; 360.596.8923; [draked@wsdot.wa.gov](mailto:draked@wsdot.wa.gov)

Notes: *Comparable data source could be US Census Bureau TIGER/Line administrative boundaries (link provided under "Other URLs").*

Dataset name: County (Cadastre.Jurisdiction Boundaries)

Data currentness: Unknown

Accuracy/Scale: 1:24,000 (1"=2,000')

Horizontal datum: NAD 83 HARN

Fee associated? No

Available for redistribution? Yes

Dataset source: Washington Department of Natural Resources at

<http://fortress.wa.gov/dnr/app1/cadastre/>

Dataset contact: Justin Holt, WA DNR; 360.902.1206; [justin.holt@wadnr.gov](mailto:justin.holt@wadnr.gov)

Notes: Metadata link lists publication date as unknown.

## Zoning / Land Use

Dataset name: 2010 Washington State Landuse

Data currentness: 2007-2009

Accuracy/Scale: Varies (generally scale is 1:24,000 (1"=2,000'))

Horizontal datum: NAD 83 HARN

Fee associated? No

Available for redistribution? Yes

Dataset source: Washington Department of Ecology at

[ftp://www.ecy.wa.gov/gis\\_a/landuse/wa\\_landuse.zip](ftp://www.ecy.wa.gov/gis_a/landuse/wa_landuse.zip)

Dataset contact: Mike Woodall, WA DOE; 360.407.6088; [miwo461@ecy.wa.gov](mailto:miwo461@ecy.wa.gov)

Notes: *The Washington State Land Use coverage was produced from digital county tax parcel layers using Department of Revenue (DOR) two digit land use codes (see; WAC 458-53-030, Stratification of assessment rolls - real property). Land use attribute data has been normalized for all county parcel data to conform to the two digit DOR codes. All county parcel layers are dissolved using the normalized land use code. No county parcel information remains in this data other than what geometry remains from the dissolve process.*

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

Dataset name: Washington State Non-DNR Major Public Lands

Data currentness: June 2010

Accuracy/Scale: Varies

Horizontal datum: NAD 83 HARN

Fee associated? No

Available for redistribution? Yes

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Dataset source: Washington Department of Natural Resources at [http://fortress.wa.gov/dnr/app1/data/itd/state\\_ndmpl.zip](http://fortress.wa.gov/dnr/app1/data/itd/state_ndmpl.zip)

Dataset contact: Elizabeth Eberle, WA DNR; 360.902.1222; [elizabeth.eberle@wadnr.gov](mailto:elizabeth.eberle@wadnr.gov)

Notes: *The NDMPL (Washington State Non-Department of Natural Resources Major Public Lands) data contains ownership parcels for Federal, State (excluding WA DNR), County and City lands within the State of Washington. It also includes Tribal administrative boundaries. The NDMPL data layer is a polygon coverage and does not contain arc attribute information for ownership boundaries. This data is not connected to WA DNR's Cadastre layers or to the POCA layer (these data include WADNR ownership, Public Land Survey System and other cadastral data). So, as updates are made to POCA and Cadastre layers, they are not reflected in NDMPL.*

## Cadastral (parcels)

Dataset name: Washington State Parcel Database

Data currentness: October 2009

Accuracy/Scale: Varies

Horizontal datum: NAD 83 HARN

Fee associated? No

Available for redistribution? Yes

Dataset source: Currently only available via CD

Dataset contact: Kelly Stone, FEMA Region X; 425.487.4636; [kelly.stone@dhs.gov](mailto:kelly.stone@dhs.gov)  
(Secondary POC: Luke Rogers, UW School of Forest Resources; 206.543.7418; [lwrogers@u.washington.edu](mailto:lwrogers@u.washington.edu))

Notes: *Dataset (large size) can be requested via CD from Luke Rogers, the Parcels Working Group (PWG). The PWG is in the process of developing an online data distribution mechanism for the Washington State Parcel Database. Not a publicly available dataset – only available to government organizations.*

## Terrain (elevation)

Dataset name: National Elevation Dataset (NED)

Data currentness: Updated bi-monthly as budget permits

Accuracy/Scale: 10-meter

Vertical datum: NAVD 88

Fee associated? No

Available for redistribution? Yes

Dataset source: USGS Seamless Data Warehouse at <http://seamless.usgs.gov>

Dataset contact: EROS Data Center, USGS; 605.594.6151; [custserv@edcmail.cr.usgs.gov](mailto:custserv@edcmail.cr.usgs.gov)

Notes: *The NED 1- and 1/3-arc-second data sets are updated on a nominal two month cycle to integrate newly “best available”, improved elevation source data. Bi-monthly updates may be skipped due to budget or data constraints. New datasets are being released into the NED 1/9-arc-second collection on a monthly basis and in conjunction with the bi-monthly updates when possible. <http://ned.usgs.gov/Ned/ned.html>*

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## 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 still 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 also 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
<b>Watershed boundaries</b>	National	Discovery Data Repository
<b>Jurisdictional boundaries</b>	Washington State Department of Ecology	Counties - <a href="http://www.ecy.wa.gov/services/gis/data/polsub/counties.htm">http://www.ecy.wa.gov/services/gis/data/polsub/counties.htm</a> Cities - <a href="http://www.ecy.wa.gov/services/gis/data/polsub/cityuga.htm">http://www.ecy.wa.gov/services/gis/data/polsub/cityuga.htm</a>
<b>Tribal land boundaries</b>	Multi	DOE - <a href="http://www.ecy.wa.gov/services/gis/data/polsub/tribal.htm">http://www.ecy.wa.gov/services/gis/data/polsub/tribal.htm</a> Discovery Data Repository
<b>State lands</b>	Washington Department of Natural Resources	<a href="http://fortress.wa.gov/dnr/app1/data/itd/state_ndmpl.zip">http://fortress.wa.gov/dnr/app1/data/itd/state_ndmpl.zip</a>
<b>Federal lands</b>	National	Discovery Data Repository
<b>Major roads</b>	Washington State DOT	<a href="http://www.wsdot.wa.gov/mapsdata/geodatacatalog/maps/24k/dot_cartog/sr24k.htm">http://www.wsdot.wa.gov/mapsdata/geodatacatalog/maps/24k/dot_cartog/sr24k.htm</a>
<b>Streams</b>	Multi	WADNR – <a href="http://fortress.wa.gov/dnr/app1/data/itd/state_hydro.zip">http://fortress.wa.gov/dnr/app1/data/itd/state_hydro.zip</a> (statewide) <a href="http://fortress.wa.gov/dnr/app1/dataweb/hydro.html">http://fortress.wa.gov/dnr/app1/dataweb/hydro.html</a> (by county)

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Data	Data Source	Location
		Discovery Data Repository
<b>Coastal Barrier Resource Areas</b>	National	Discovery Data Repository
<b>Coordinated Needs Management Strategy</b>	National	See National Operating Procedure
<b>Topographic/ bathymetric data</b>	Multi	FEMA - Region X Topographic Data Inventory See National Operating Procedure
<b>AAL data from Hazus</b>	National	Discovery Data Repository
<b>Coverage areas for known community and Tribal risk assessment data</b>	Regional/State/Local	
<b>Status of Hazard Mitigation Plans</b>	Regional/State/Local National	Discovery Data Repository Discovery Data Repository
<b>Flood control structure data</b>	National	See National Operating Procedure
<b>Locations of stream gages</b>	National	Discovery Data Repository
<b>Locations of past flood claims and repetitive loss properties</b>	CIS Report	Contact the geospatial data coordination lead at your RSC referenced earlier in this document.
<b>Locations of clusters of Letters of Map Change</b>	National	See National Operating Procedure
<b>Known flooding issues not represented on effective FIRMs or listed in Coordinated Needs Management Strategy database</b>	Local	Communities
<b>Areas of planned development</b>	Local	Communities
<b>Areas of land use change datasets</b>	National Local	See National Operating Procedure Communities
<b>Locations of ongoing projects or updated stream studies (e.g. highway improvements)</b>	Local	Communities
<b>Locations of wave and tide gauges</b>	National	See National Operating Procedure
<b>Locations of wind gauges</b>	National	See National Operating Procedure
<b>Proposed inland limit of the Primary Frontal Dune, if present</b>	Local	Communities
<b>Locations of any beach</b>	SLOSH Zones	See National Operating Procedure

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Data	Data Source	Location
<b>nourishment or dune restoration projects</b>		
<b>Comparison of preliminary stillwater elevations with effective stillwater elevations</b>	Local	Communities
<b>Available effective study data</b>	National	See National Operating Procedure
<b>Orthophotography</b>	Multi	WAGIC – <a href="http://geography.wa.gov/ortho/">http://geography.wa.gov/ortho/</a> See National Operating Procedure
<b>Proposed discussion areas, problem areas, areas of proposed mitigation projects</b>	Local	Communities
<b>Land use and soil information</b>	Land Use - Washington State Department of Ecology Soils	<a href="http://www.ecy.wa.gov/services/gis/data/landuse/landuse.htm">http://www.ecy.wa.gov/services/gis/data/landuse/landuse.htm</a> See National Operating Procedure
<b>Reference points to locate areas with flooding issues</b>	Local	Communities
<b>Hydraulic structures</b>	Culverts Levees, Dams, Bridges	Local - Communities See National Operating Procedure
<b>Coastal structures, including flood protection structures, shoreline structures, manmade embankments, surge conveyance pathways, and shoreline change data</b>	Local	Communities
<b>Local structure and topographic data from the existing hazard mitigation plans</b>	FEMA	Hazard Mitigation Plans available at FEMA Region X POC: Kristen Meyers <a href="mailto:Kristen.Meyers@dhs.gov">Kristen.Meyers@dhs.gov</a> (425) 487-4543
<b>Historic inundation areas and High Water Marks</b>	Historic Riverine Inundation Areas Storm Surge Inundation Areas High Water Marks	See National Operating Procedure See National Operating Procedure Local - Communities
<b>Clusters or locations of Individual Assistance/Public Assistance grants and locations of grant projects completed, planned, or underway</b>	National Regional	See National Operating Procedure Discovery Data Repository

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Data	Data Source	Location
<b>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</b>	National	See National Operating Procedure
<b>Other information on FEMA grants, as described in G&amp;S Appendix I</b>	Regional/State/Local	
<b>Any data deficiencies identified in hazard mitigation plans</b>	FEMA	Hazard Mitigation Plans available at FEMA Region X POC: Kristen Meyers <a href="mailto:Kristen.Meyers@dhs.gov">Kristen.Meyers@dhs.gov</a> (425) 487-4543
<b>Information from FloodSmart on market penetration</b>	FEMA	<a href="http://www.floodsmart.gov/floodsmart/">http://www.floodsmart.gov/floodsmart/</a>
<b>Community Assistance Visits / Community Assistance Contacts</b>	National	Discovery Data Repository
<b>Community Rating System class information</b>	National	See National Operating Procedure
<b>Information from other Federal agencies</b>	National	See National Operating Procedure
<b>Information from State agencies, non-profit organizations, universities, etc.</b>	Multi	Varies with watershed
<b>Current community plans, ordinances, or programs to alleviate flooding or manage stormwater</b>	FEMA	State Hazard Mitigation Plan – Discovery Data Repository Hazard Mitigation Plans available at FEMA Region X POC: Kristen Meyers <a href="mailto:Kristen.Meyers@dhs.gov">Kristen.Meyers@dhs.gov</a> (425) 487-4543
<b>Other known hazards with geographical boundaries (e.g. earthquake faults)</b>	Tsunami - Multi Landslide - Multi Volcanic Eruptions Wildfire - Multi	Discovery Data Repository <a href="http://www.dnr.wa.gov/ResearchScience/Topics/GeosciencesData/Pages/gis_data.aspx">http://www.dnr.wa.gov/ResearchScience/Topics/GeosciencesData/Pages/gis_data.aspx</a> Discovery Data Repository <a href="http://www.dnr.wa.gov/ResearchScience/Topics/GeosciencesData/Pages/gis_data.aspx">http://www.dnr.wa.gov/ResearchScience/Topics/GeosciencesData/Pages/gis_data.aspx</a> Discovery Data Repository

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Data	Data Source	Location
		Discovery Data Repository <a href="http://fortress.wa.gov/dnr/app1/dataweb/dmmatrix.html">http://fortress.wa.gov/dnr/app1/dataweb/dmmatrix.html</a>
<b>Information on active disasters</b>	Multi	Varies with time of Discovery project
<b>Campgrounds, recreational areas, emergency access routes, etc.</b>	National	Discovery Data Repository
<b>Essential facilities</b>	WA State Department of Health	<a href="http://ww4.doh.wa.gov/gis/gisdata.htm">http://ww4.doh.wa.gov/gis/gisdata.htm</a>
<b>Wetlands</b>	USFWS	<a href="http://www.fws.gov/wetlands/Data/DataDownload.html">http://www.fws.gov/wetlands/Data/DataDownload.html</a>
<b>ESA data – salmon habitats</b>	FEMA	Discovery Data Repository
<b>Mitigation planning spatial data</b>	FEMA	POC: Kelly Stone <a href="mailto:Kelly.Stone@dhs.gov">Kelly.Stone@dhs.gov</a> (425) 487-4636

## Data Distribution Process for State Data

Policy for data distribution is determined by individual agencies, and state information access laws.

## 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>.

## Finding and Accessing Other Existing Geospatial Data

Find below 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 governments, counties and parishes, municipalities, tribes, universities, and other organizations.

## Clearinghouses and Inventories for the State

WA State agency online GIS data websites:

- Washington State Geospatial Portal (now live!): <http://www.geography.wa.gov/>
- DNR: <http://fortress.wa.gov/dnr/app1/dataweb/dmmatrix.html>
- Ecology: <http://www.ecy.wa.gov/services/gis/data/data.htm>
- Dept of Health: <http://ww4.doh.wa.gov/gis/gisdata.htm>

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- DOT: <http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm>
- WAGIC: <http://geography.wa.gov/wagic/washdat.htm>
- Office of Financial Management: <http://www.ofm.wa.gov/geographic/default.asp>
- WA's Counties (links to): <http://www.wowworks.com/wowcity/wacounty.htm>

## Other URL's:

- Geospatial One Stop – federal GIS portal: <http://www.geodata.gov>
- National Hydrography Dataset: <http://nhd.usgs.gov/data.html>
- Pacific Northwest Hydrography Framework: <http://www.pnwhf.org/>, <http://hydro.reo.gov/>
- WA State (metadata) Geospatial Clearinghouse: <http://metadata.gis.washington.edu/>
- US Census Bureau – TIGER/Line Shapefiles: <http://www2.census.gov/cgi-bin/shapefiles2009/national-files>
- Regional Ecosystem Office: <http://www.reo.gov/gis/data/gisdata/index.htm>
- StreamNet: <http://www.streamnet.org/>
- WA/OR BLM: <http://www.blm.gov/or/gis/data.php?view=all>
- USGS EarthExplorer: <http://edcsns17.cr.usgs.gov/EarthExplorer/>
- USDA/NRCS Geospatial Gateway Home: <http://datagateway.nrcs.usda.gov/>
- EPA Land Use/Land Cover reference (statewide): [http://landcover.usgs.gov/us\\_map.php](http://landcover.usgs.gov/us_map.php)
- Soils dataset(s) reference USDA/NRCS:  
[http://soils.usda.gov/survey/printed\\_surveys/state.asp?state=Washington&abbr=WA;](http://soils.usda.gov/survey/printed_surveys/state.asp?state=Washington&abbr=WA;)  
<http://soildatamart.nrcs.usda.gov/>

## 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 including FEMA. 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.

## Geospatial One-Stop

Geospatial One-Stop, available at <http://www.geodata.gov>, provides access to geospatial data from many sources. Two parts of the site that should be investigated are the “data categories” for existing data and the “marketplace” for data that are planned or in-work and for potential partners for new data collection activities.

# State Geospatial Data Coordination Procedure

## 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=WA>

### Involving the State's Geospatial Coordinator in Flood Studies

Contact Joy Paulus, Washington State Office of the Chief Information Officer; (360) 902-3447; [joyp@dis.wa.gov](mailto:joyp@dis.wa.gov)

### State Coordination Process for Building Geospatial Partnerships

Washington State Geographic Information Council at <http://geography.wa.gov/wagic/>

The WAGIC is recognized as the statewide body responsible for coordinating and facilitating the use and development of Washington State's geospatial information. This information, as well as public information about the Council – its purpose, activities, membership, and accomplishments – are provided via its website.

Mr. Holm, the State's former GIS Coordinator, said that the only way to succeed is to coordinate underlying funding. A memorandum or other agreement is fine, but without money to fund the activities of the partnership, it will not work. Due to Mr. Holm's recent retirement - Mrs. Paulus now serves the State GIS Coordinator role. Mrs. Paulus also is staff to the Information Services Boards subcommittee on Geographic Information Technology (ISB-GIT) and to the Washington Geographic Information Council (WAGIC), and is a state representative on the National States Geographic Information Council (NSGIC).

### Finding Local Geospatial Contacts

Local contacts, including those from special government districts (for example, a regional planning commission); counties, parishes, 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>.

### 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 Service 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 this Procedure.