

State Geospatial Data Coordination Procedure

Oregon

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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 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*

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Guidelines: Pre-scoping and the Scoping Meeting, which is available through the Regional Management Center (RMC).

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. 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 Management Center:

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We appreciate the help of those who reviewed this document, in particular

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Default Flood Hazard Base Map for the State

The default base map for flood hazard maps for the State is 2005 Ortho Framework data.

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.

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Major State Holdings

Orthophotos

Dataset name: 2005 Ortho Framework

Data currentness: 2005

Accuracy/Scale: 1:12,000

Ground sample resolution: 0.5m, color

Horizontal datum: NAD 83,

Fee associated? No, available state web portal

Available for redistribution? Yes

Dataset source: <http://gis.oregon.gov/DAS/EISPD/GEO/alphalist.shtml>

Dataset contact: David Mather, 503-378-2166, david.mather@state.or.us

Notes: (1) Based on NAIP imagery, but upgraded to higher resolution (0.5 meter) and color imagery. Available in April 2007.

(2) 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 maps, 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: Transportation Framework Data set

Data currentness:

Accuracy/Scale: 1:24000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes, with explanation if needed

Are road names part of the dataset? Yes

Dataset source: <http://gis.oregon.gov/DAS/EISPD/GEO/alphalist.shtml> (look under “H”)

Dataset contact: David Mather, 503-378-2166, david.mather@state.or.us

Hydrography (rivers, streams, lakes, and shorelines)

Dataset name: Hydrography Framework

Data currentness: 2006

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are hydrography names part of the dataset? Yes

Dataset source: <http://gis.oregon.gov/DAS/EISPD/GEO/alphalist.shtml> (see water bodies, water courses, and water points under “H”)

Dataset contact: David Mather, 503-378-2166, david.mather@state.or.us

Notes: These data are the source for the high resolution National Hydrography Dataset being completed over Washington and Oregon.

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Political boundaries (county, municipal)

Dataset name: Admin Boundaries Framework

Data currentness: 2007

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://gis.oregon.gov/DAS/EISPD/GEO/alphalist.shtml> (look under “C”)

Dataset contact: David Mather, 503-378-2166, david.mather@state.or.us

Notes: City limits have been updated; some data still under development.

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

Dataset name: Publicly Owned lands – part of cadastral framewok

Data currentness: 2005 – from Forestry

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://gis.oregon.gov/DAS/EISPD/GEO/alphalist.shtml> (look under “L”)

Dataset contact: David Mather, 503-378-2166, david.mather@state.or.us

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

Dataset name: PLSS

Data currentness: 1994

Accuracy/Scale: 1:100,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://gis.oregon.gov/DAS/EISPD/GEO/alphalist.shtml>

Dataset contact: David Mather, 503-378-2166, david.mather@state.or.us

Cadastral (parcels)

No statewide source available.

Dataset name: Cadastral Framework

Data currentness: 2007

Accuracy/Scale: 1:1,200 to 1:4,800; ± 40 ft.

Horizontal datum: NAD 83

Fee associated? Yes, for some counties

Available for redistribution? Yes, county by county; statewide data sharing partnership being negotiated now, completion date uncertain

Dataset source: County websites, or Assessor’s office requests

Dataset contact: County Assessor’s offices, contact info available from the web at www.oregon.gov

Extraterritorial jurisdiction (ETJ) boundaries

Dataset name: Urban Growth Boundaries

Data currentness: 1995

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Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://gis.oregon.gov/DAS/EISPD/GEO/alphalist.shtml>

Dataset contact: David Mather, 503-378-2166, david.mather@state.or.us

Notes: This data set is undergoing maintenance work by ODOT. Some more recent data may be available from them in preliminary form. Contact Darlene Gowen, 503-986-4245, darlene.m.gowen@state.or.us

Terrain (elevation)

Dataset name: Elevation Framework

Data currentness: 1997

Accuracy/Scale: 15 Meters / 1:24,000

Vertical datum: NGVD 29

Fee associated? No

Available for redistribution? Yes

Dataset source: Geospatial Enterprise Office, contact the office directly

Dataset contact: David Mather, 503-378-2166, david.mather@state.or.us

Notes: Data not available right now from the Clearinghouse

Data Distribution Process for State Data

Data are distributed from the Oregon Geospatial Data Clearinghouse at <http://gis.oregon.gov/DAS/EISPD/GEO/sdlibrary.shtml>. The Oregon Geographic Information Council's data disclaimer policy is available at http://www.oregon.gov/DAS/IRMD/GEO/ogic/OGIC_Disclaimer_Policy.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>>.

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

See the Oregon Geospatial Data Clearinghouse at <http://gis.oregon.gov/DAS/EISPD/GEO/alphalist.shtml>.

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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 Management 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.

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>

The State maintains other contact information at <http://gis.oregon.gov/DAS/EISPD/GEO/coordination/coordination.shtml>.

Involving the State’s Geospatial Coordinator in Flood Studies

Contact: Cy Smith, GISP, Oregon Statewide GIS Coordinator, DAS/EISPD Geospatial Enterprise Office, 955 Center St. NE, Room 470, Salem, OR 97301; 503-378-6066; <http://gis.oregon.gov>

State Coordination Process for Building Geospatial Partnerships

The Oregon Geographic Information Council (OGIC) is the governing body for GIS activities across the enterprise of state government in Oregon. The Council debates and approves resources and standards for development of shared information and tools that prevent duplication of data and save millions of tax dollars every year. OGIC provides

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leadership for the GIS Community in Oregon. For more information see <http://www.oregon.gov/DAS/EISPD/GEO/ogic/OGIC.shtml>.

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>>.

The State also maintains information about local geospatial contacts at <http://gis.oregon.gov/DAS/EISPD/GEO/coordination/contacts.shtml>.

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 Management 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.