

State Geospatial Data Coordination Procedure

Florida

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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

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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 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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Default Flood Hazard Base Map for the State

The default base map for flood hazard maps for the State is an image base map of 1 meter resolution 2004 DOQQ from The Land Boundary Information System (LABINS), available both as infra-red and true-color.

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: 2004 Digital Orthographic Quarter-Quad

Data currentness: 2004

Accuracy/Scale: 1:12,000

Ground sample resolution: 1 meter

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: The Land Boundary Information System - <http://data.labins.org>

Dataset contact: Stephen W. Hodge, Florida Resource and Environmental Analysis Center, Technical Assistance Program, C2200 University Center, Florida State University, Tallahassee, FL 32306-2641; 850/644-2882 (voice) 850/644-7360 (FAX);

shodge@admin.fsu.edu

Note: 2004 DOQQ's are in Albers projection and available in uncompressed GeoTiff and compressed JPG and MrSID formats.

Dataset name: 2004-2006 Digital Ortho Photos

Data currentness: 2004-2006

Accuracy/Scale: 1:12,000

Ground sample resolution: 1 foot

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: The Land Boundary Information System - <http://data.labins.org>

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Dataset contact: Stephen W. Hodge, Florida Resource and Environmental Analysis Center, Technical Assistance Program, C2200 University Center, Florida State University, Tallahassee, FL 32306-2641; 850/644-2882 (voice) 850/644-7360 (FAX); shodge@admin.fsu.edu

Note: 2004-2006 1 foot aerials are in appropriate State Plane projection and available in uncompressed GeoTiff and compressed JPG and MrSID formats.

Transportation (roads, railroads, and airports)

Dataset name: Basemap

Data currentness: 2005

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are road names part of the dataset? Yes

Dataset source: Florida Department of Transportation at

<http://www.dot.state.fl.us/planning/statistics/gis/>

Dataset contact: Paul O'Rourke, Mark Welsh, or Miles Carter, Florida Department of Transportation, Transportation Statistics Office, Mail Station 27, 605 Suwannee Street, Tallahassee, Florida 32399-0450; Telephone: (850) 414-4848

Hydrography (rivers, streams, lakes, and shorelines)

Dataset name: National Hydrography Dataset

Data currentness: 2007

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://www.dep.state.fl.us/gis/>

Dataset contact: < David Anderson, NHD Coordinator, Bureau of Watershed Management, Division of Water Resource Management, Florida Department of Environmental Protection; david.anderson@dep.state.fl.us, Phone: (850)245-8550

Notes: The NHD also is available from the USGS at <http://nhd.usgs.gov>

Political boundaries (county, municipal)

Dataset name: Florida County Boundaries

Data currentness: 2005

Accuracy/Scale: 1:100,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://www.fgdl.org/>

Dataset contact: Florida Geographic Data Library, 431 Architecture PO Box 115706 , Gainesville Florida 32611-5706 , (352) 392-0997

Notes: Updated boundaries from 1990 Census/TIGER files

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

Dataset name: Florida Managed Areas

Data currentness: 2007

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://fnai.org/gisdata.cfm>

Dataset contact: Amy Knight, GIS Program Specialist, Florida Natural Areas Inventory;
aknight@fnai.org, Phone: (850) 224-8207

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

Dataset name: Florida Public Land Survey System - Section Level - by County

Data currentness: 1998

Accuracy/Scale: 1:24,000; This data is provided 'as is' and its horizontal positional accuracy has not been verified by GeoPlan

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://www.fgdل.org>

Dataset contact: Florida Geographic Data Library, 431 Architecture PO Box 115706 ,
Gainesville Florida 32611-5706 , (352) 392-0997

Data currentness: 2007

Accuracy/Scale: 1:12,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: The Land Boundary Information System - <http://data.labins.org>

Dataset contact: Stephen W. Hodge, Florida Resource and Environmental Analysis
Center, Technical Assistance Program, C2200 University Center, Florida State University,
Tallahassee, FL 32306-2641; 850/644-2882 (voice) 850/644-7360 (FAX);
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Note: Version available from FGDL best for cartography, version available from
LABIS/FREAC best for analysis.

Cadastral (parcels)

Data currentness: 2005

Accuracy/Scale: 1:12,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes – ArcSDE export or individual county shapefiles

Dataset source: The Land Boundary Information System - <http://data.labins.org>

Dataset contact: Stephen W. Hodge, Florida Resource and Environmental Analysis
Center, Technical Assistance Program, C2200 University Center, Florida State University,
Tallahassee, FL 32306-2641; 850/644-2882 (voice) 850/644-7360 (FAX);
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Note: This data is not available online, but may be requested by contacting FREAC. This data is from the Department of Revenue and may not be available for all Florida counties.

Extraterritorial jurisdiction (ETJ) boundaries

No coverage available.

Terrain (elevation)

Dataset name: Elevation Contours and Depressions

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://www.dep.state.fl.us/gis/>

Dataset contact: < David Anderson, NHD Coordinator

Bureau of Watershed Management, Division of Water Resource Management, Florida Department of Environmental Protection; david.anderson@dep.state.fl.us, Phone: (850) 245-8550

Note: This data, digitized from USGS quad maps spans a variety of contour intervals, including 1 and 2 meter and 5 and 10 foot intervals.

Survey Control Data

Dataset name: Horizontal and Vertical Control, Land Records, Water Boundary Data

Data currentness: 1997

Accuracy/Scale: 1:24,000

Vertical datum: NAVD 88

Fee associated? No

Available for redistribution? Yes

Dataset source: The Land Boundary Information System - <http://data.labins.org>

Dataset contact: Stephen W. Hodge, Florida Resource and Environmental Analysis Center, Technical Assistance Program, C2200 University Center, Florida State University, Tallahassee, FL 32306-2641; 850/644-2882 (voice) 850/644-7360 (FAX); shodge@admin.fsu.edu

Data Distribution Process for State Data

As Florida has no centralized GIS clearinghouse, there is no defined data distribution process for state data.

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>>.

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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

- Florida Geographic Data Library (FGDL): <http://www.fgdl.org/>
- Land Boundary Information System: <http://www.labins.org/>
- South Florida Water Management District GIS: <http://www.sfwmd.gov/org/gisit/>
- Southwest Florida Water Management District GIS: <http://www.swfwmd.state.fl.us/data/gis/>
- St. John's River Water Management District GIS: http://www.sjrwmd.com/programs/plan_monitor/gis/gis.html
- Central Florida Geographic Information Systems Clearinghouse: <http://www.cfgis.org/>
- Florida Department of Environmental Protection Beaches & Coastal Systems: <http://www.dep.state.fl.us/beaches/data/gis-data.htm>
- Florida Department of Environmental Protection Geographic Information Systems: <http://www.dep.state.fl.us/gis/>
- Florida Department of Transportation Geographic Information Systems: <http://www.dot.state.fl.us/planning/statistics/gis/>

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.

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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=FL>

Involving the State's Geospatial Coordinator in Flood Studies

There is no State Geospatial Coordinator. Water Management Districts have GIS coordinators:

- St. Johns River - Chris Mundy
- Northwest Florida - Dave Barton
- Southwest Florida – Steve Dicks
- South Florida - Tim Minter
- Suwannee River - Paul Buchanan

State Coordination Process for Building Geospatial Partnerships

There is no state GIS council.

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 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.