

State Geospatial Data Coordination Procedure

Louisiana

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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 2004 Statewide Digital Ortho Quarter Quads.

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

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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: Digital Ortho Photography

Data currentness: Statewide 1998 & Feb. 2004, Dec. 2005 (Coastal Flight)

Accuracy/Scale: 1:12,000

Ground sample resolution: 1 meter

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://atlas.lsu.edu/>

Dataset contact: Pat O'Neil and Larry Handley at NWR/USGS at 337-266-8699, pat_oneil@usgs.gov

Notes: Full Coverage for State Available for 1998 and 2004. Coverage also is available for 2005 for areas affected by hurricanes Katrina/Rita; sometimes referred to as the coastal flight, the coverage was primarily south of Interstate 10.

Transportation (roads, railroads, and airports)

Dataset name: DOTD's State Maintained Highways, Teletlas Commercial dataset (local roads)

Data currentness: Varies, Commercial data updated every 6 months

Accuracy/Scale: Varies, 1:24000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? State data – Yes, Commercial data - No

Are road names part of the dataset? No - state data. Yes – licensed data

Dataset source: Louisiana Dept. of Transportation and Development (DOTD)

Dataset contact: Dr. Jim Mitchell, LA DOT, at 225-379-1881, jimmitchell@dotd.la.gov

Notes:

Hydrography (rivers, streams, lakes, and shorelines)

Dataset name: Louisiana NHD

Data currentness: Varies with the age of the quad it was taken from.

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Under development, completed units available for redistribution

Are hydrography names part of the dataset? Yes, from the Geographic Names Information System

Dataset source: USGS at <http://nhd.usgs.gov>

Dataset contact: Joe Holmes, Louisiana Dept. of Environmental Quality, (225) 219-3348, joe.holmes@la.gov

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Notes: Commercially available statewide hydrography layer available from Teleatlas.

Political boundaries (county, municipal)

Dataset name: Parish boundaries

Data currentness: current

Accuracy/Scale: 1: 24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes, for governmental agencies

Dataset source: - Louisiana Dept. of Transportation and Development (DOTD)

Dataset contact: Dr. Jim Mitchell, LA DOT, at 225-379-1881, jimmitchell@dotd.la.gov

Notes: Downloadable and ArcIMS website.

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

Dataset name: SLABS (State Lands & Buildings), Nature Conservancy Dataset

Data currentness: Current, varies

Accuracy/Scale: Varies

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: SLABS – Louisiana State Lands Office, Nature Conservancy – DW&F
Will be on the 2007 State DVD.

Dataset contact: SLABS – Marty Beasley (State Land Office), Nature Conservancy –
Doug Albert (DW&F)

Notes: SLABS – updated regularly, some boundaries disputed.

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

Dataset name: PLSS

Data currentness: varies with the currentness of 1:100,000 DLG

Accuracy/Scale: 100K Only

Horizontal datum: NAD27

Fee associated? No

Available for redistribution? Yes

Dataset source: State Lands Office

Dataset contact: Marty Beasley, State Lands Office

Notes: State Lands Office has a more comprehensive set of PLSS data acquired from
Tobin Aerial Surveys. These data are not available for distribution.

Cadastral (parcels)

Dataset name: Varies by parish (county)

Data currentness: Varies by parish (county)

Accuracy/Scale: Varies by parish (county)

Horizontal datum: NAD 83

Fee associated? No, with a couple exceptions

Available for redistribution? Only a handful of parishes have their cadstral data on the
web.

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Dataset source: Available from Parish Assessor, see the Louisiana Assessors Association website at <http://louisianaassessors.org/> for the contact list.

Dataset contact: Celeste Moss at LA Tax Comm. 225-925-7830 x 210
CMoss@latax.state.la.us and Marty Beasley at State Lands Office 225-342-4455,
marty.beasley@la.gov

Notes: Approximately half of Louisiana Assessors have digital cadastral data, but fewer than six have those data on a public website available for download.

Extraterritorial jurisdiction (ETJ) boundaries

Does not exist as a geospatial data layer

Terrain (elevation)

Dataset name: LIDAR data

Data currentness: 1999 to the present

Accuracy/Scale: Full coverage at 30m DEM's and partial coverage at 5m DEM's

Vertical datum: NAVD 88

Fee associated? No

Available for redistribution: Yes

Dataset source: <http://atlas.lsu.edu/>

Dataset contact: David Gisclair at LOSCO, 225-219-5816, dgisclair@lus.edu

Notes: Statewide coverage will be available by 2009. Currently 2,211 quarter quads completed out of 3,200 quads statewide. Southern half of the state has full coverage.

Data Distribution Process for State Data

Louisiana Geographic Information Center (LAGIC) at <http://lagic.lsu.edu/>; Craig Johnson, Director. State data is public and no licensing is required.

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

Atlas: The Louisiana Statewide GIS at <http://atlas.lsu.edu/>

The LOSCO Data Catalog at <http://lagic.lsu.edu/loscoweb/>

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The Louisiana Geographic Information Center at <http://lagic.lsu.edu/>

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=LA>

Additional useful contacts for the State can be found at <http://lagic.lsu.edu/links.asp>.

Involving the State’s Geospatial Coordinator in Flood Studies

The state has strong involvement with FEMA on Pre-Scoping efforts related to identifying base map and terrain data suitable for flood mapping purposes.

State Coordination Process for Building Geospatial Partnerships

The Louisiana Geographic Information Systems Council (LGISC) was created by an act of the Louisiana legislature in 1995, to promote geospatial data sharing and data coordination. See <http://www.doa.state.la.us/lgisc/>.

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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 maintains a statewide GIS contacts list in the following formats:

- a. Web Accessible

Contact or URL information for list: <http://lagic.lsu.edu/links.asp>

The levels of government in the list are:

- a. Municipal
- b. County/Parish
- c. State

The State has strong involvement with FEMA in the area of collecting LiDAR data on a statewide basis, suitable for floodplain mapping.

The State has regional planning commissions/councils of government.

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.