

State Geospatial Data Coordination Procedure

Kentucky

Table of Contents

Table of Contents	1
Purpose of the Procedure.....	1
Default Flood Hazard Base Map for the State.....	2
Geospatial Data Coverage	3
Major State Holdings	3
Orthophotos	3
Transportation (roads, railroads, and airports)	3
Hydrography (rivers, streams, lakes, and shorelines).....	3
Political boundaries (county, municipal).....	4
Publicly owned lands (national, state, and local parks, forests, etc).....	4
Cadastral (parcels)	4
Extraterritorial jurisdiction (ETJ) boundaries.....	4
Terrain (elevation).....	4
Data Distribution Process for State Data.....	5
Federal Nationwide Geospatial Data Holdings.....	5
Finding and Accessing Other Existing Geospatial Data	5
Clearinghouses and Inventories for the State.....	5
National Digital Orthophoto Program (NDOP) and National Digital Elevation Program (NDEP) Tracking Systems	6
TED Query Tool	6
Geospatial One-Stop	6
Working with People.....	6
Useful State and Federal Contacts	6
Involving the State’s Geospatial Coordinator in Flood Studies.....	6
State Coordination Process for Building Geospatial Partnerships.....	7
Finding Local Geospatial Contacts	7
Provide Feedback on This Procedure	7

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 <http://hazards.fema.gov/femaportal/docs/GeoDataImplem.pdf>, and in *Scoping*

State Geospatial Data Coordination Procedure

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 an image base map (orthophoto). Full coverage of the State is available.

State Geospatial Data Coordination Procedure

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: Digital Ortho Imagery (NAIP)

Data currentness: 2004

Accuracy/Scale: Horizontal accuracy of within +/- 3 meters of reference digital ortho quarter quads (DOQQs) from the National Digital Ortho Program (NDOP);

Ground sample resolution: 1 meter

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <ftp://ftp.kymartian.ky.gov/fsa/>

Dataset contact: Division of Geographic Information, Commonwealth Office of Technology, 403 Wapping Street., Suite 340, Frankfort, KY 40601; Phone: (502) 564-1450; Fax: (502) 564-1475; email: ogi.inquiry@ky.gov

Note: These data are from the National Agriculture Imagery Program (NAIP). 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). Also see the "Federal Mapping Program Factsheets" available through "Tools & Links" on the MIP web site.

Transportation (roads, railroads, and airports)

Dataset name: Transportation

Data currentness: Monthly

Accuracy/Scale: Highway centerline data was created with Global Positioning System (GPS) technology.

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are road names part of the dataset? Yes

Dataset source: <http://dgi.ky.gov/gisdata.htm>

Dataset contact: Kentucky Transportation Cabinet, Division of Planning 200 Mero St., Frankfort Kentucky 40622; 502-564-7183

Hydrography (rivers, streams, lakes, and shorelines)

Dataset name: Hydrography

State Geospatial Data Coordination Procedure

Data currentness: Updated 2002
Accuracy/Scale: 1:24,000 with updates based on 1:12,000-scale orthophotos
Horizontal datum: NAD 83
Fee associated? No
Available for redistribution? Yes
Are hydrography names part of the dataset? Yes
Dataset source: <http://dgi.ky.gov/gisdata.htm>
Dataset contact: Division of Geographic Information, Commonwealth Office of Technology, 403 Wapping Street,, Suite 340, Frankfort, KY 40601; Phone: (502) 564-1450; Fax: (502) 564-1475; email: ogi.inquiry@ky.gov
Notes: These data are part of the National Hydrography Dataset (NHD). Kentucky provides access through an FTP site and links to the USGS NHD site at <http://nhd.usgs.gov>.

Political boundaries (county, municipal)

Dataset name: Kentucky's City and County Boundaries
Data currentness: 2002. Updated continually.
Accuracy/Scale: See "Notes" below.
Horizontal datum: NAD 83
Fee associated? No
Available for redistribution? Yes
Dataset source: <http://dgi.ky.gov/gisdata.htm>
Dataset contact: Division of Geographic Information, Commonwealth Office of Technology, 403 Wapping Street,, Suite 340, Frankfort, KY 40601; Phone: (502) 564-1450; Fax: (502) 564-1475; email: ogi.inquiry@ky.gov
Notes: The incorporated city boundaries found on this site, or any associated map or data product, are a representation of boundary information provided by the Kentucky's cities in 1980 pursuant to KRS 81.045 along with boundary information on annexations and transfers filed by the cities with the Secretary of State pursuant to 81A.470. Not all boundaries are verified as accurate or current, and should not be utilized for purposes of property dispute settlement or other similar applications. The boundaries shown may be superseded by annexations, de-annexations, mergers, or other transfers of property that have not gone through the mapping process.

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

No coverage available.

Cadastral (parcels)

No coverage available.

Extraterritorial jurisdiction (ETJ) boundaries

No coverage available.

Terrain (elevation)

Dataset name: Digital Elevation Model (DEMs)
Data currentness: 09/2000

State Geospatial Data Coordination Procedure

Accuracy/Scale: varies based on the underlying DEM data from USGS (see Notes section)

Vertical datum: NAVD 88

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://kymartian.ky.gov/demweb/>

Dataset contact: Division of Geographic Information, Commonwealth Office of Technology, 403 Wapping Street., Suite 340, Frankfort, KY 40601; Phone: (502) 564-1450; Fax: (502) 564-1475; email: ogi.inquiry@ky.gov

Notes: (1) These data are based on USGS Digital Elevation Models (DEM). Accuracy varies based on the source materials and technique used to develop the DEM. Similar data are available through the USGS National Elevation Dataset; see <http://ned.usgs.gov>.

(2) The state also provides tagged vector contours (TVCs; contours digitized from USGS 1:24,000-scale topographic maps) through <http://dgi.ky.gov/gisdata.htm>.

Data Distribution Process for State Data

The State provides access to data through <http://ogi.ky.gov/gisdata.htm>. These data are available to FEMA at no charge and with no access restrictions for use in state maps.

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

Data coverages for the State can be accessed through <http://ogi.ky.gov/gisdata.htm>. This site is maintained by the Division of Geographic Information, Commonwealth Office of Technology, 403 Wapping Street, Suite 340, Frankfort, KY 40601; Phone: (502) 564-1450; Fax: (502) 564-1475; email: ogi.inquiry@ky.gov.

The office also maintains the State's geospatial data clearinghouse at <http://kygeonet.ky.gov/>.

The Kentucky Geological Survey maintains a geospatial data library at http://www.uky.edu/KGS/gis/kgs_gis.html

State Geospatial Data Coordination Procedure

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=KY>.

Additional useful contacts for the State can be found at The Kentucky Geospatial Board site <http://gis.ky.gov/kygb/members.htm>.

Involving the State’s Geospatial Coordinator in Flood Studies

The coordinator would like to attend each kickoff/scoping meeting. Contact Kenny Ratliff, Director of the Division of Geographic Information (DGI), 403 Wapping Street, Suite 340, Frankfort, KY 40601, Phone: (502) 564-1450 ext. 291, Email: KennyD.Ratliff@ky.gov.

This state already has a working relationship with the office in the state that is responsible for updating the multi-hazard maps.

State Geospatial Data Coordination Procedure

State Coordination Process for Building Geospatial Partnerships

The Kentucky Geospatial Board assists state and local jurisdictions in developing, deploying, and leveraging geographic information resources and geographic information systems technology for the purpose of improving public administration. The KGB also seeks to insure maximum use of geographic information by minimizing the redundancy of information and resources. More information is available at <http://gis.ky.gov/kygb/>.

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 does not maintain a statewide GIS contacts list. The state maintains a list server that can be used to forward FEMA program information and production notices to state and county GIS contacts. The contact information for using this list server is: Roberta Young, DGI, 502-564-1450 ext. 296, roberta.young@ky.gov.

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.