

# State Geospatial Data Coordination Procedure

## Tennessee

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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 <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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# State Geospatial Data Coordination Procedure

## Default Flood Hazard Base Map for the State

The default base map for flood hazard maps for the State is a vector base map (street centerlines).

## 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

Data currentness: 1997-2007

Accuracy/Scale: 1:1,200; 1:4,800

Ground sample resolution: 6 inch - 2 foot

Horizontal datum: NAD 83

Fee associated? Yes

Available for redistribution? No

Dataset source: <http://gis.state.tn.us/mapping.html>

Dataset contact: Dennis Pedersen, Director; [dennis.pedersen@state.tn.us](mailto:dennis.pedersen@state.tn.us); Phone: 615-741-9356; Fax: 615-532-0471; Department of Finance and Administration, State of Tennessee, 312 8th Avenue North, 16th Floor WRS Tennessee Tower, Nashville, TN 37243-0288

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

Dataset name: Street Centerline

Data currentness: 2000-2007

Accuracy/Scale: 1:1,200; 1:4,800

Horizontal datum: NAD 83

Fee associated? Yes

Available for redistribution? No

Dataset source: <http://gis.state.tn.us/mapping.html>

Dataset contact: Dennis Pedersen, Director; [dennis.pedersen@state.tn.us](mailto:dennis.pedersen@state.tn.us); Phone: 615-741-9356; Fax: 615-532-0471 Department of Finance and Administration, State of Tennessee, 312 8th Avenue North, 16th Floor WRS Tennessee Tower, Nashville, TN 37243-0288

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

Dataset name: Hydrography

Data currentness: 2000-2007

Accuracy/Scale: 1:1,200; 1:4,800

# State Geospatial Data Coordination Procedure

Horizontal datum: NAD 83

Fee associated? Yes

Available for redistribution? No

Dataset source: <http://gis.state.tn.us/mapping.html>

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## *Political boundaries (county, municipal)*

Dataset name: County Boundary Features

Data currentness: 2000

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://www.tngis.org/data.html>

Dataset contact: Tennessee Department of Transportation, Planning Division, Mapping Division, Suite 1000, James K. Polk Building, Nashville, TN 37243-0344

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

No coverage available.

## *Cadastral (parcels)*

Dataset name: Cadastral Mapping

Data currentness: 2000 - 2006

Accuracy/Scale: 1:1,200; 1:4,800

Horizontal datum: NAD 83

Fee associated? Yes

Available for redistribution? No

Dataset source: <http://gis.state.tn.us/mapping.html>

Dataset contact: Dennis Pedersen, Director; [dennis.pedersen@state.tn.us](mailto:dennis.pedersen@state.tn.us); Phone: 615-741-9356; Fax: 615-532-0471 Department of Finance and Administration, State of Tennessee, 312 8th Avenue North, 16th Floor WRS Tennessee Tower, Nashville, TN 37243-0288

## *Extraterritorial jurisdiction (ETJ) boundaries*

No coverage available.

## *Terrain (elevation)*

Dataset name: Digital Terrain Model

Data currentness: 2000-2007

Accuracy/Scale: 1:1,200; 1:4,800

Vertical datum: NAVD 88

Fee associated? Yes

Available for redistribution? No

Dataset source: <http://gis.state.tn.us/mapping.html>

# State Geospatial Data Coordination Procedure

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## *Data Distribution Process for State Data*

Data is not available for redistribution. There is a data sharing agreement between the state and FEMA.

## 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

- TNGIC (Tennessee Geographic Information Council): <http://www.tngic.org>
- Tennessee Spatial Data Server: <http://www.tngis.org>
- Tennessee Base Mapping Program: <http://gis.state.tn.us/mapping.html> and <http://www.tnmetadata.org/>

### 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.

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## 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=TN>

Additional useful contacts for the State can be found at <http://gis.state.tn.us> and <http://www.tngis.org/contacts.html>.

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

In order to participate in the FEMA flood hazard mapping effort, this office prefers to be contacted in all of the following ways:

- a. Meeting at the start of each year for my state
- b. Send project list at the start of each year
- c. Conference call at the start of data discovery for each individual project
- d. I, or my representative, would like to attend each kickoff/scooping meeting

This state already has a working relationship with the office in the state that is responsible for updating the multi-hazard maps, and they have access to their state’s flood map modernization business plan.

Contact:

Dennis Pedersen, Division Director

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### State Coordination Process for Building Geospatial Partnerships

The GIS Services Division of the Tennessee Office of Information Resources continues to develop partnerships with local governments to fund the development of the Tennessee Base Mapping Program.

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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 also maintains information about local geospatial contacts. It maintains a statewide GIS contacts list in the following formats:

- a. Hardcopy
- b. Database
- c. Spreadsheet

The levels of government in the list are:

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

The Tennessee Geographic Information Council at <http://www.tngic.org/> also provides a number of means to communicate with Tennessee's geographic information community.

## 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.