

# State Geospatial Data Coordination Procedure

## South Carolina

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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*

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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:

Kagan Kuyu, Geospatial Data Coordination Lead  
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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 a vector base map (road 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.

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## Major State Holdings

### *Orthophotos*

Dataset name: 2006 DOQQ

Data currentness: 2006

Accuracy/Scale: 1:12000

Ground sample resolution: 1 meter

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://www.dnr.sc.gov/GIS/gisdownload.html>

Dataset contact: Mr. Jim Scurry, Technology Development Program Director  
1000 Assembly Street, Suite 134, Columbia, SC 29201; phone: (803) 734-9494 ; email:  
[scurryj@dnr.sc.gov](mailto:scurryj@dnr.sc.gov)

Notes: Additional information is available at <http://www.dnr.sc.gov/GIS/descdoqq.html>.  
Complete statewide coverage is not available for 2006; Statewide coverage is available from 1999.

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

Dataset name: Roads

Data currentness: From USGS topographic maps; currentness varies by quadrangle

Accuracy/Scale: 1:24000

Horizontal datum: NAD 27

Fee associated? No

Available for redistribution? Yes

Are road names part of the dataset? No

Dataset source: <http://www.dnr.sc.gov/GIS/gisdownload.html>

Dataset contact: Mr. Jim Scurry, Technology Development Program Director  
1000 Assembly Street, Suite 134, Columbia, SC 29201; phone: (803) 734-9494 ; email:  
[scurryj@dnr.sc.gov](mailto:scurryj@dnr.sc.gov)

Notes: The State DOT maintains road names database.

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

Dataset name: Hydrography (DLG)

Data currentness: From USGS topographic maps; currentness varies by quadrangle

Accuracy/Scale: 1:24000

Horizontal datum: NAD 27

Fee associated? No

Available for redistribution? Yes

Are hydrography names part of the dataset? No

Dataset source: <http://www.dnr.sc.gov/GIS/gisdownload.html>

Dataset contact: Mr. Jim Scurry, Technology Development Program Director  
1000 Assembly Street, Suite 134, Columbia, SC 29201; phone: (803) 734-9494; email:  
[scurryj@dnr.sc.gov](mailto:scurryj@dnr.sc.gov)

Notes: The State has a joint funded project with the South Carolina Department of Health and Environmental Control to complete the high resolution hydrography data set for South

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Carolina in the National Hydrography Dataset (NHD). Status of available NHD data can be viewed at <http://nhdgeo.usgs.gov>.

## *Political boundaries (county, municipal)*

Dataset name: Counties (DLG)

Data currentness: From USGS topographic maps; currentness varies by quadrangle

Accuracy/Scale: 1:24000

Horizontal datum: NAD 27

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://www.dnr.sc.gov/GIS/gisdownload.html>

Dataset contact: Mr. Jim Scurry, Technology Development Program Director  
1000 Assembly Street, Suite 134, Columbia, SC 29201; phone: (803) 734-9494; email: [scurryj@dnr.sc.gov](mailto:scurryj@dnr.sc.gov)

Notes: Official boundaries have never been officially converted to geospatial data.

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

No statewide coverage available.

## *Cadastral (parcels)*

No statewide coverage available.

## *Extraterritorial jurisdiction (ETJ) boundaries*

No statewide coverage available.

## *Terrain (elevation)*

Dataset name: 1:24,000-scale DEMs

Data currentness: 1996 (From USGS topographic maps; currentness varies by quadrangle)

Accuracy/Scale: 1:24000

Vertical datum: NGVD 29

Fee associated? No

Available for redistribution? Yes

Dataset source: <http://www.dnr.sc.gov/GIS/gisdownload.html>

Dataset contact: Mr. Jim Scurry, Technology Development Program Director  
1000 Assembly Street, Suite 134, Columbia, SC 29201; phone: (803) 734-9494; email: [scurryj@dnr.sc.gov](mailto:scurryj@dnr.sc.gov)

Notes: USGS Digital Elevation Model data.

## *Data Distribution Process for State Data*

There are several inventories at specific agencies that are available on-line, but there is no centralized inventory.

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## 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

There is no inventory for geospatial data. There are several inventories at specific agencies that are on-line including:

- SC DNR GIS Data Clearinghouse: <http://www.dnr.sc.gov/gis.html>
- SC DHEC GIS home page: <http://www.scdhec.net/eqc/gis/>
- University of South Carolina GIS Data Clearinghouse: <http://www.cas.sc.edu/gis/dataindex.html>

## 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=SC>

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

Contact Jim Scurry, S.C. Dept. of Natural Resources, Technology Development Program, 1000 Assembly St., Suite 134, Columbia, SC 29201; (803) 734-9494; [scurryj@dnr.sc.gov](mailto:scurryj@dnr.sc.gov)

### State Coordination Process for Building Geospatial Partnerships

The State does not have an official GIS coordination group or official. The State Mapping Advisory Committee (SMAC) (<http://www.scmapping.net/smac.htm>) has taken an interim role as a liaison and conduit for the State as South Carolina aims to become part of national efforts to build and coordinate the spatial data infrastructure of the nation. In this role, SMAC's goal is to involve more people, organizations and businesses in an effort to make the GISciences "work" for South Carolina.

### 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 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 Lisa Jones, State Coordinator, SC Dept. of Natural Resources, [JonesLS@dnr.sc.gov](mailto:JonesLS@dnr.sc.gov), (803) 734-9120.

### 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.