State Geospatial Data Coordination Procedure

Connecticut State Geospatial Data Coordination Procedure
October 31, 2020

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State Geospatial Data Coordination Procedure

Purpose of the Procedure

Flood insurance studies search for geospatial data during Discovery 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 in studies is in the *Geospatial Data Coordination Implementation Guide*, which is available at https://hazards.fema.gov/femaportal/docs/GeoDataImplem_V3.pdf and *Geospatial Data Coordination* Guidance Document, which is available at https://www.fema.gov/media-library-data/1499957866635-db34cabb98cb9c3b2f57aad3d216fcff/GDC_Guidance_May_2017.pdf

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 Region 1 Service Center:

Diana Rodriguez
Compass Regional Service Center 1
(312) 780-7710
rodriguezad@cdmsmith.com

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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).

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 Discovery 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.

Datasets for DFIRM Production

Orthophotos

Dataset name: CRCOG Orthoimagery, Statewide, 6 inch, 4 band orthoimagery
Data currentness: Publication date: April 2019
Accuracy/Scale: 0.5-foot RMSE
Ground sample resolution: 3 Inch
Horizontal datum: NAD 83
Fee associated? No
Available for redistribution: Yes
Dataset source: Capitol Region Council of Governments of Connecticut, available at University of Connecticut CTECO (http://www.cteco.uconn.edu/data/flight2019/info.htm)
Dataset contact: Erik D. Snowden, IT/GIS Coordinator, Capitol Region Council of Governments, 241 Main St., Hartford, CT, 06106, esnowden@crcog.org
Telephone: (860) 522-2217 x 217

Transportation (roads, railroads, and airports)

Dataset name: Connecticut Routes
Data currentness: Publication date: October 2019
Accuracy/Scale: 1:100,000
Horizontal datum: NAD 83
Fee associated? Not for online acquisition.
Available for redistribution? Yes
Are road names part of the dataset? No
Dataset source: Connecticut Department of Energy & Environmental Protection (CT DEEP) (https://ct-deep-gis-open-data-website-ctdeep.hub.arcgis.com/datasets/connecticut-routes?geometry=-77.048%2C40.799%2C-68.451%2C42.239
Dataset contact: State of Connecticut, Department of Environmental Protection, deep.gisdata@ct.gov
Telephone: (860) 424-3540

Dataset name: Railroads
Data currentness: Publication date 1994; Latest edition: October 2019
Accuracy/Scale: 1:24,000
Horizontal datum: NAD 83
Fee associated? Not for online acquisition.
Available for redistribution? Yes
Are road names part of the dataset? No
Dataset source: Connecticut Department of Energy & Environmental Protection (CT DEEP) (https://ct-deep-gis-open-data-website-ctdeep.hub.arcgis.com/datasets/connecticut-railroads?geometry=-77.039%2C40.804%2C-68.442%2C42.243)
Dataset contact: deep.gisdata@ct.gov
Telephone: (860) 424-3540
Notes: The 2005 Edition essentially includes the same set of geographic features published in 1994. However, the 2005 Edition differs from information published in 1994 primarily as a result of corrections and improvements to feature geometry and feature attribute information. Previously undetected errors have been corrected.

Dataset name: Airports
Data currentness: Publication date: 1994; Latest edition: October 2019
Accuracy/Scale: 1:24,000
Horizontal datum: NAD 83
Fee associated? Not for online acquisition.
Available for redistribution? Yes
Are road names part of the dataset? No
Dataset source: Connecticut Department of Energy & Environmental Protection (CT DEEP) (https://ct-deep-gis-open-data-website-ctdeep.hub.arcgis.com/datasets/connecticut-airports?geometry=-77.045%2C40.852%2C-68.448%2C42.290)
Dataset contact: deep.gisdata@ct.gov
Telephone: (860) 424-3540

Hydrography (rivers, streams, lakes, and shorelines)

Dataset name: Connecticut Hydrography Line
Data currentness: Publication date: 1994; Latest edition: 2005; Last Updated: 10/28/19
Accuracy/Scale: 1:24,000
Horizontal datum: NAD 83
Fee associated? Not for online acquisition.
Available for redistribution? Yes
Are hydrography names part of the dataset? Yes
Dataset source: Connecticut Department of Energy & Environmental Protection (CT DEEP)
Dataset contact: deep.gisdata@ct.gov
Telephone: (860) 424-3540
Notes: The 2005 Edition essentially includes the same set of geographic features published in 1994. However, the 2005 Edition differs from information published in 1994

primarily as a result of corrections and improvements to feature geometry and feature attribute information. Previously undetected errors have been corrected. Also, some feature attribute information (data fields) have been slightly modified and made easier to use. Hydrography features are represented as combinations of polygons and lines, and are classified as they are depicted on the published quadrangle maps. Rivers, streams, lakes, ponds, marshes, bays, tidal flats, rocks, channels, and dams are example classifications. In general, single line streams, shorelines, and dams are represented as lines; double line streams, lakes, ponds, bays, channels, tidal flats, rocks, and marshes are represented as polygons.

Political boundaries (county, municipal)

Dataset name: Towns
Data currentness: Publication date 1994; Latest edition: 2005; Last Updated: Jan 23,2020
Accuracy/Scale: 1:24,000
Horizontal datum: NAD 83
Fee associated? Not for online acquisition.
Available for redistribution? Yes
Dataset source: Connecticut Department of Energy & Environmental Protection (CT DEEP) (https://ct-deep-gis-open-data-website-ctdeep.hub.arcgis.com/datasets/town-polygon)
Dataset contact: deep.gisdata@ct.gov
Telephone: (860) 424-3540
Notes: The layer is based on information from USGS topographic quadrangle maps published between 1969 and 1984 and latitude and longitude coordinates that define the boundary between the states of Connecticut and New York in Long Island Sound. Attribute information is comprised of codes to classify and cartographically symbolize political boundaries by type and identify the geographic areas encompassed by individual towns. This layer was originally published in 1994. With the exception of the Middletown-Portand town boundary, the 2005 edition, includes the same features originally published in 1994.

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

Dataset name: Federal Open Space
Data currentness: Last Updated: October 29, 2019
Accuracy/Scale: 1:24,000
Horizontal datum: NAD 83
Fee associated? Not for online acquisition.
Available for redistribution? Yes
Dataset source: Connecticut Department of Energy & Environmental Protection (CT DEEP) (https://ct-deep-gis-open-data-website-ctdeep.hub.arcgis.com/datasets/federal-open-space)
Dataset source: State of Connecticut, Department of Environmental Protection
Dataset contact: deep.gisdata@ct.gov
Telephone: (860) 424-3540

Notes: Federal Open Space contains property that comprises federally owned land. This layer can be used with the DEEP Property and Municipal and Private Open Space layers for a more comprehensive understanding of open space and recreation land throughout the State of Connecticut. This layer has not been updated since 2004 and may not be accurate. For more accurate and current open space parcel data, please see the Protected Open Space and the Protected Open Space Phase 1 feature classes. Although the data in those feature classes are more accurate, they do not include any easements; they contain only land owned in fee simple interest. For easements, continue to utilize the Federal Open Space feature class, with the knowledge that it is older data and is subject to verification in municipal land records.

Dataset name: CT DEEP Property
Data currentness: June 2017; Last Updated June 2020
Accuracy/Scale: 1:24,000
Horizontal datum: NAD 83
Fee associated? Not for online acquisition.
Available for redistribution? Yes
Dataset source: Connecticut Department of Energy & Environmental Protection (CT DEEP) (https://ct-deep-gis-open-data-website-ctdeep.hub.arcgis.com/datasets/deep-property-3)
Dataset contact: deep.gisdata@ct.gov
Telephone: (860) 424-3540
Notes: DEEP Property is a polygon feature-based layer that includes all land owned in fee simple interest by the State of Connecticut Department of Energy and Environmental Protection. This layer is based on information that was collected and mapped at various scales and at different levels of accuracy. Generally, partial interests such as easements or development rights are not included in this layer. The exception is flood control areas, which may include permanent easements. Types of property in this layer include parks, forests, wildlife areas, flood control areas, scenic preserves, natural areas, historic reserves, DEEP owned waterbodies, water access sites and other miscellaneous properties. This layer is current and is updated as parcels are acquired by DEEP.

Terrain (elevation)

Dataset name: Connecticut Statewide LiDAR 2016
Data currentness: Publication date: 2016
Accuracy/Scale: USGS LiDAR Base Specification 1.2, QL2. 19.6 cm VVA
Vertical datum: NAVD 88
Fee associated? No
Available for redistribution? Yes
Dataset source: Connecticut Environmental Conditions Online (CTECO, https://cteco.uconn.edu/data/download/flight2016/index.htm)
Dataset contact: Erik D. Snowden, IT/GIS Coordinator, State of Connecticut, Capitol Region Council of Governments, esnowden@crcog.org
Telephone: (860) 522-2217 x217

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Useful Risk MAP Discovery Data Sources

Preliminary information on Discovery data sources is provided in this document to reduce the level of effort needed on each subsequent Discovery data collection effort. Coordination with local community sponsors for additional local data still remains an integral part of Discovery and local data should be used where appropriate.

The National Geospatial Data Coordination Procedure document contains information on data resources available from other Federal agencies (OFAs), including those that FEMA maintains at the national level, and should be used in conjunction with this State Geospatial Data Coordination Procedure document. In addition, FEMA and its contractors have created a geospatial Discovery Data Repository to host data that are not readily accessible through direct sources such as Web sites or subscription services and/or are not updated on a frequent basis. Instructions on accessing the Discovery Data Repository are given in the national Geospatial Data Coordination Procedure document.

Table 1 identifies data resources that are available at the regional and State levels, and also if there are no data available other than the national datasets. Resources in this table have been identified as appropriate for Discovery projects and may not represent the best data sources for FIRM production (please see the Preferred Base Map Sources section of this document for geospatial data that meets FIRM production requirements).

Table 1. Discovery Data Resources

Data	Data Source	Location
Watershed boundaries	National	See National Operating Procedure
Jurisdictional boundaries	National	See National Operating Procedure
Jurisdictional boundaries	State	CT DEP State and Municipal Boundaries: ftp://ftp.state.ct.us/pub/dep/gis/geodatabase_format_zip/Political_gdb.zip Check http://www.ct.gov/deep/cwp/view.asp?a=2698&q=322898&depNav_GID=1707 for updates
Tribal land boundaries	National	See National Operating Procedure
State lands	State	CT Department of Environmental Protection Open Space, DEP Property and Parcels (contains federal, state, county, municipal, and parcels): ftp://ftp.state.ct.us/pub/dep/gis/geodatabase_format_zip/Property_gdb.zip Check http://www.ct.gov/deep/cwp/view.asp?a=2698&q=322898&depNav_GID=1707 for updates.
Federal lands	National	See National Operating Procedure

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Data	Data Source	Location
Major roads	State	ftp://ftp.state.ct.us/pub/dep/gis/geodatabase_format_zip/Transportation_Archive_gdb.zip Check http://www.ct.gov/deep/cwp/view.asp?a=2698&q=322898&depNav_GID=1707 for updates
Streams	Regional/State/Local	ftp://ftp.state.ct.us/pub/dep/gis/geodatabase_format_zip/Hydrography_gdb.zip Check http://www.ct.gov/deep/cwp/view.asp?a=2698&q=322898&depNav_GID=1707 for updates
Streams	National	See National Operating Procedure
Coastal Barrier Resource Areas	National	See National Operating Procedure
Coordinated Needs Management Strategy	National	See National Operating Procedure
Topographic/ bathymetric data	National	See National Operating Procedure
AAL data from HAZUS	National	Please contact the RSC if you have problems retrieving the data.
Coverage areas for known community and Tribal risk assessment data	Regional	See National Operating Procedure
Status of Hazard Mitigation Plans	Regional	Contact Region 1 or Melissa Surette (melissa.surette@fema.dhs.gov)
Flood control structure data	National	See National Operating Procedure
Locations of stream gages	National	See National Operating Procedure
Locations of past flood claims and repetitive loss properties	CIS Report	Contact the geospatial data coordination lead at your RSC referenced earlier in this document.
Locations of clusters of Letters of Map Change	National	See National Operating Procedure
Known flooding issues not represented on effective FIRMs or listed in Coordinated Needs Management Strategy database	Local Only	
Areas of planned development	Local Only	

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Data	Data Source	Location
Areas of land use change datasets	State	UCONN CLEAR land cover data and change (1985-2015): http://clear.uconn.edu/projects/landscape/
Areas of land use change datasets	National	See National Operating Procedure
Locations of ongoing projects or updated stream studies (e.g. highway improvements)	Regional	USACE, New England District maintains a list of ongoing and recent projects: http://www.nae.usace.army.mil/Missions/ProjectsTopics.aspx
Locations of ongoing projects or updated stream studies (e.g. highway improvements)	State	http://www.nae.usace.army.mil/Media/StateUpdateReports.aspx
Locations of wave and tide gauges	National	See National Operating Procedure
Locations of wind gauges	National	See National Operating Procedure
Proposed inland limit of the Primary Frontal Dune, if present		See Effective or Preliminary DFIRM data. PFD Delineations are created during the DFIRM process.
Locations of any beach nourishment or dune restoration projects	SLOSH Zones	See National Operating Procedure
Comparison of preliminary stillwater elevations with effective stillwater elevations	Local Only	
Available effective study data	National	See National Operating Procedure
Orthophotography	State	Connecticut Environmental Conditions Online (CT ECO): http://www.cteco.uconn.edu/data/flight2019/info.htm
Orthophotography	National	See National Operating Procedure
Proposed discussion areas, problem areas, areas of proposed mitigation projects	Local Only	
Land use information	State	UCONN CLEAR land cover data and change (1985-2015): http://clear.uconn.edu/projects/landscape/
Soil information	National	See National Operating Procedure
Reference points to locate areas with flooding issues	Local Only	
Hydraulic structures	Culverts Levees, Dams, Bridges	Data on dams collected by CT DEP, publication date 1996 ftp://ftp.state.ct.us/pub/dep/gis/shapefile_format_zip/Dam_shp.zip

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Data	Data Source	Location
Hydraulic structures	State	Check http://www.ct.gov/dep/cwp/view.asp?a=2698&q=322898&depNav_GID=1707 for updates
Coastal structures, including flood protection structures, shoreline structures, manmade embankments, surge conveyance pathways, and shoreline change data	State	CT DEEP coastal structures 2015: ftp://ftp.state.ct.us/pub/dep/gis/shapefile_format_zip/CT_SLAMMV2_Coastal_Structures_2015_shp.zip Check http://www.ct.gov/deep/cwp/view.asp?a=2698&q=322898&depNav_GID=1707 for updates
Coastal structures, including flood protection structures, shoreline structures, manmade embankments, surge conveyance pathways, and shoreline change data	Regional	The MLI database (See levees and National Operating Procedure, above) may contain coastal levees or structures. FAST Tracker on FEMA SharePoint, please contact RSC1 for further information.
Local structure and topographic data from the existing hazard mitigation plans	Regional	Contact Region 1 or Melissa Surette (melissa.surette@fema.dhs.gov)
Historic inundation areas and high water marks	Historic Riverine Inundation Areas	See National Operating Procedure
Historic inundation areas and high water marks	Storm Surge Inundation Areas	See National Operating Procedure
Historic inundation areas and high water marks	High Water Marks	Local Only
Clusters or locations of Individual Assistance/Public Assistance grants and locations of grant projects completed, planned, or underway	National	See National Operating Procedure
Locations of projects and structures completed or planned for FEMA Hazard Mitigation Assistance grant programs or mitigation funds from other agencies or entities, such as the Small Business Administration	National	See National Operating Procedure
Other information on FEMA grants, as described in G&S Appendix I	Local only	

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Data	Data Source	Location
Any data deficiencies identified in hazard mitigation plans	Regional	Contact Region 1 or Melissa Surette (melissas.surette@fema.dhs.gov)
Information from FloodSmart on market penetration	FEMA	http://www.floodsmart.gov
Community Assistance Visits / Community Assistance Contacts	National	See National Operating Procedure
Community Rating System class information	National	See National Operating Procedure
Information from other Federal agencies	National Only	See National Operating Procedure
Current community plans, ordinances, or programs to alleviate flooding or manage stormwater	Local only	
Other known hazards with geographical boundaries (e.g. earthquake faults)	Hurricane	CT DEEP and USACE Worst-Case Hurricane Inundation: ftp://ftp.state.ct.us/pub/dep/gis/shapefile_format_zip/CT_Hurricane_Surge_Inundation_shp.zip Check http://www.ct.gov/deep/cwp/view.asp?a=2698&q=322898&depNav_GID=1707 for updates
Other known hazards with geographical boundaries (e.g. earthquake faults)	Tsunami	See National Operating Procedure
Other known hazards with geographical boundaries (e.g. earthquake faults)	Landslide	See National Operating Procedure
Other known hazards with geographical boundaries (e.g. earthquake faults)	Volcanic Eruptions	See National Operating Procedure
Other known hazards with geographical boundaries (e.g. earthquake faults)	Wildfire	See National Operating Procedure
Information on active disasters	State	CT Dept. of Emergency Management & Homeland Security: http://www.ct.gov/demhs/site/default.asp
Campgrounds, recreational areas, emergency access routes, etc.	National	See National Operating Procedure

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Data	Data Source	Location
Campgrounds, recreational areas, emergency access routes, etc.	State	CT Statewide Trails (Trails, access points, features, culverts, roadways): ftp://ftp.state.ct.us/pub/dep/gis/geodatabase_format_zip/Statewide_Trails_gdb.zip Check http://www.ct.gov/deep/cwp/view.asp?a=2698&q=322898&deepNav_GID=1707%20 for updates
Erosion susceptibility and sites	State	Part of the Geology geodatabase: ftp://ftp.state.ct.us/pub/dep/gis/geodatabase_format_zip/Geology_gdb.zip Check http://www.ct.gov/deep/cwp/view.asp?a=2698&q=322898&deepNav_GID=1707%20 for updates

Data Distribution Process for State Data

The Map and Geographic Information Center (MAGIC), the University of Connecticut's Map Library, collects maps, atlases, gazetteers, aerial photographs, and digital geospatial data, as well as resources on the history and current state of cartography. MAGIC does not provide a printing service for patrons. Even though MAGIC provides spatial data for use in many GIS programs, the staff do not provide cartographic ("map-making") services. However, the staff is able to provide basic help with ESRI GIS questions, concerning the data on the MAGIC Web site. GIS data is downloadable from MAGIC's Website.

GIS map services are also available from Connecticut Environmental Conditions Online (CT ECO). See CT ECO GIS Data.

GIS data is also available the Connecticut Department of Energy and Environmental Protection (CT DEEP). See CT DEEP GIS Data.

Federal Nationwide Geospatial Data Holdings

Information about nationwide holdings and programs of Federal agencies is available from the Data.gov geospatial catalog at https://catalog.data.gov/dataset?metadata_type=geospatial.

Elevation, orthophoto, boundary, and transportation data can also be found through the USGS' National Map service: https://viewer.nationalmap.gov/basic/.

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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

The Map and Geographic Information Center (MAGIC), the University of Connecticut's Map Library, collects maps, atlases, gazetteers, aerial photographs, and digital geospatial data, as well as resources on the history and current state of cartography. MAGIC does not provide a printing service for patrons. Even though MAGIC provides spatial data for use in many GIS programs, the staff do not provide cartographic ("map-making") services. However, the staff is able to provide basic help with ESRI GIS questions, concerning the data on the MAGIC Web site. GIS data is downloadable from MAGIC's Website.

GIS map services are also available from Connecticut Environmental Conditions Online (CT ECO). See CT ECO.

GIS data is also available the Connecticut Department of Energy and Environmental Protection (CT DEEP). See CT DEEP GIS Data.

3D Elevation Program

The U.S. Geological Survey (USGS) National Geospatial Program is developing the 3D Elevation Program (3DEP) to respond to growing needs for high-quality topographic data and for a wide range of other three-dimensional (3D) representations of the Nation's natural and constructed features. The primary goal of 3DEP is to systematically collect 3D elevation data in the form of light detection and ranging (lidar) data over the conterminous United States, Hawaii, and the U.S. territories, with data acquired over an 8-year period. Interferometric synthetic aperture radar (IfSAR) data will be acquired for Alaska, where cloud cover and remote locations preclude the use of lidar in much of the State. The 3DEP initiative is based on the results of the National Enhanced Elevation Assessment that documented more than 600 business uses across 34 Federal agencies, all 50 States, selected local government and Tribal offices, and private and nonprofit organizations.

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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=CT

Of special interest are:

MAGIC: Map and Geographic Information Center– The University of Connecticut's Map Library collects maps, atlases, gazetteers, aerial photographs, and digital geospatial data, as well as resources on the history and current state of cartography. MAGIC staff is able to provide basic help with ESRI GIS questions concerning the data on MAGIC's Website.

Connecticut Department of Energy and Environmental Protection Geographic Information Systems – Geographic Information Systems at DEEP plays an important role in the DEEP's mission of protecting and preserving the environment for present and future generations. DEEP develops and maintains a statewide automated geographic storage and retrieval system that can rapidly integrate and analyze large amounts of spatial map and file data over any selected geographic area. DEEP develops and shares geospatial information with federal, state, and municipal government agencies such as the U.S. Geological Survey, Environmental Protection Agency, Federal Emergency Management Agency, Connecticut Department of Public Health, Connecticut Department of Transportation, and the Connecticut Office of Policy and Management. See CT DEEP GIS Data.

Connecticut Department Environmental Conditions Online - Connecticut Environmental Conditions Online (CT ECO) is the collaborative work of the Connecticut Department of Energy and Environmental Protection (DEEP) and the University of Connecticut Center for Land Use Education and Research (CLEAR) to share environmental and natural resource information with the general public. CT ECO's mission is to encourage, support, and promote informed land use and development decisions in Connecticut by providing local, state and federal agencies, and the general public with convenient access to the most up-to-date and complete natural resource information available statewide.

 CT ECO includes a variety of online maps and tools for viewing Connecticut's environmental and natural resources such as protected open space, farmland soils, wetland soils, aquifer protection areas, water quality classifications, and drainage basins. Each can be viewed separately or in conjunction with other environmental and natural resource information. In addition, CT ECO includes several sets of high resolution orthophotography, the most recent from 2010. See CT ECO Website.

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USGS National Map Liaisons (https://liaisons.usgs.gov/geospatial/)– The National Map partnership network cultivates and maintains long-term relationships with partners and develops agreements for The National Map and other initiatives that support USGS science. Daniel Walters is the Liaison for Connecticut (danwalters@usgs.gov).

Involving 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 the following ways:
  a. Meeting at the start of each year
  b. Send project list at the start of each year
  c. Send information once project scope is finalized

State Coordination Process for Building Geospatial Partnerships

Connecticut Geospatial Information Systems Council (GISC)

The Geospatial Information Systems (GIS) Council was developed to coordinate, within available appropriations, a GIS capacity for the state, regional planning agencies, municipalities, and others as needed. The system GIS must guide and assist state and local officials involved in transportation; economic development; land use planning; environmental, cultural, and natural resource management; public service delivery; and other areas as necessary. See About CT GIS Council.

Connecticut GIS User to User Network

The Connecticut GIS User to User Network mission statement is:

a) To provide opportunities, through a variety of venues including workshops, meetings and the Internet, for members to share ideas, to learn about GIS activities, to explore collaborative opportunities and to discover geospatial information resources;

b) To promote the free exchange of geospatial knowledge and information among members and to promote geospatial knowledge with the general public;

c) To encourage the growth of the field of geospatial technology in the State of Connecticut;

d) To serve as a geospatial technology resource;

e) To communicate the needs and issues affecting Connecticut GIS users to the state agencies and elected officials responsible for developing GIS policy and acquiring geospatial data.

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More information can be found at: http://clear.uconn.edu/ctgis/index.htm

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.

Also of interest are:

- Naugatuck Valley Council of Governments: (203) 757-0535, http://nvcogct.org/.

- Connecticut Metropolitan Council of Governments: (203) 366-5405, http://www.ctmetro.org/

- Western Connecticut Council of Governments: (203) 775-6256, https://westcog.org/

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 Region 1 Service Center what was wrong and the correct information (if you know it). Use the contact information for the lead listed in the section. The lead will use your feedback to update this Procedure.