

# State Geospatial Data Coordination Procedure

## Maine

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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](https://hazards.fema.gov/femaportal/docs/GeoDataImplem_V3.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  
[diana.maties@starr-team.com](mailto:diana.maties@starr-team.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 (orthophoto) base map.

## 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: Ortho\_1F; Ortho\_2F; Ortho\_HF

Data currentness: Publication date: Sept. 2008 (Ortho\_1F and Ortho\_2F); July 2003 (Ortho\_HF)

Accuracy/Scale:

*Ortho\_1F* requires 1:2,400 scale; Technical standards for ORTHO\_1F were consistent with standards established by USGS Cartographic Services Contract CSC2 for high resolution orthophoto production. The 1 foot GSD orthophotographs meet the accuracy standard that 90% of all well-defined features will fall within 6.7 feet of true position on the ground at a mapping scale of 1:2,400.

*Ortho\_2F* requires 1:4,800 scale; Technical standards for ORTHO\_2F were consistent with standards established by USGS Cartographic Services Contract CSC2 for high resolution orthophoto production. The 2 foot GSD orthophotographs meet the accuracy standard that 90% of all well-defined features will fall within 13.3 feet of true position on the ground at a mapping scale of 1:4,800.

*Ortho\_HF* requires 1:1,200 scale; The accuracy and quality of the CITIPIX ODIs in ORTHOS\_HF meet National Map Accuracy Standards 1:1,200 scale, plus/minus 1 meter or 3.33 feet, and is accurate for mapping applications at 1" = 100'.

Ground sample resolution:

*Ortho\_1F* is an image mosaic of true color (24-bit), 1 foot ground sample distance (GSD), high resolution digital orthophotographs produced from aerial photos collected over southwest, central and northeastern Maine in Spring 2003, 2004 and 2005. Each pixel represents a planimetric square 1 foot on a side on the ground;

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*Ortho\_2F* is an image mosaic of true color (24-bit), 2 foot ground sample distance (GSD), high resolution digital orthophotographs produced from aerial photos collected over southwest Maine in Spring 2003;

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes.

Dataset source: (MEGIS) Maine Office of Geographic Information Systems

Dataset contact: GIS Coordinator, (207) 624-7700

Notes: There is newer imagery depending on geography so please take a look at

<http://www.maine.gov/megis/catalog/>.

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

Dataset name: MEGIS.E911RDS

Data currentness: Publication date: August 2014

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are road names part of the dataset? Yes

Dataset source: Maine Public Utilities Commission (MEPUC), Maine Emergency Services Communications Bureau (ESCB)

Dataset contact: NG9-1-1 Spatial Database Manager, (800) 6652830

Notes: E911RDS contains updated road centerline and road name data for Maine at 1:24,000 scale. E911RDS digital roads were developed, and are maintained, to serve the Enhanced 911 project in Maine. In 1988, Maine voters approved the statewide deployment of Enhanced 9-1-1 service. Enhanced 9-1-1 has many public safety benefits, the two most important features are: the public's ability to dial 9-1-1 for all emergencies and automatic caller location information, critical to speeding up the dispatch of emergency services.

The Maine Office of GIS (MEGIS) is working with the Public Utilities Commission (MEPUC), Emergency Services Communication Bureau (ESCB) to support a statewide implementation of Enhanced 9-1-1 service. MEGIS' role in this implementation is to provide technical assistance to towns that need to establish physical addresses. Physical addresses for participating towns are developed based on community defined address intervals, and road names, applied to an updated set of digital roads. E911RDS data contains up-to-date road names and address ranges for participating Maine towns.

Data is statewide and divided by minor civil divisions. The data set was developed from USGS 1:24,000 digital roads data and is in ArcInfo coverage format. The project used GPS collection and worked with each municipality to verify road and road name data. Other data sources include MEDOQs (appended, compressed USGS Digital Orthophoto Quarter Quadrangles), 10 meter panchromatic sharpened SPOT imagery from the USA Select Statewide Program and US Department of Commerce, Bureau of Census TIGER/LineFiles. A related table Standard Geocodes for Maine Minor Civil Divisions, 1971 is available at <http://megis.maine.gov/catalog/> "Tables". The coverage includes the

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ARC items E911, RDNAME, RANGE. Ongoing maintenance of the final data includes the addition and/or correction of roads, road names and address ranges at the request of each municipalities Addressing Officer.

Dataset name: Railroads (RAILROUTESYS)

Data currentness: October, 2011

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are road names part of the dataset? Yes

Dataset source: (MEGIS) Maine Office of Geographic Information Systems

Dataset contact: GIS Coordinator, (207) 624-3494, patrick.johnson@maine.gov

Notes: Railroads (RAILROUTESYS) is a statewide railroad coverage for Maine at 1:24000 scale. The data was extracted from MEDOT.MErail24 files and an updated database by MaineDOT staff starting in 2009. Attributes include: Route Code, Calibrated, Owner, Operator, Track type, Status, Passenger, and Common Name. Attribute and linework accuracy were verified using USGS, MEGIS, Maine Department of Transportation resources, and some local knowledge. Attributes of sidings and yards is difficult to determine, and has not been fully checked. In yards, exact line accuracy may be lacking. Accuracy of main and branch routes is expected to be very good. The attribution of the dataset was updated in 2011 with information provided by MaineDOT. In October of 2006, MaineDOT rail coordinators George Jackman and Nate Moulton helped to identify the rail routes owned by the State of Maine and managed by MaineDOT. The state owned rail (including MaineDOT managed) was updated in April of 2011 by the Results and Information Office of the Maine Department of Transportation.

Dataset name: Airports

Data currentness: March 2011

Accuracy/Scale: 1:100,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are road names part of the dataset? Yes

Dataset source: (MEGIS) Maine Office of Geographic Information Systems

Dataset contact: GIS Coordinator, (207) 624-7700

Notes: This dataset includes all 179 public and private airports, heliports, seaplane bases and landing strips for ultra light aircraft derived from a semi-annual update of the FAA database provided to the Maine Department of Transportation. The dataset also includes other airports in Maine which are not registered with the FAA. One FAA-registered airport in New Hampshire is included (Skyhaven - DAW - in Rochester). One Transport Canada-registered airport in New Brunswick (St Stephen - CCS3) is also included.

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

Dataset name: National Hydrography Dataset (NHD)

Data currentness: varies

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Accuracy/Scale: It is based initially on the content of the U.S. Geological Survey 1:100,000-scale Digital Line Graph (DLG) hydrography data, integrated with reach-related information from the U.S. Environmental Protection Agency Reach File Version 3.0 (RF3).

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Are hydrography names part of the dataset? Yes

Dataset source: USGS

Dataset contact: <http://nhd.usgs.gov/>

Notes: The National Hydrography Dataset (NHD) is the surface water component of *The National Map*. The NHD is a digital vector dataset used by geographic information systems (GIS). It contains features such as lakes, ponds, streams, rivers, canals, dams and stream gages. These data are designed to be used in general mapping and in the analysis of surface-water systems.

## Political boundaries (county, municipal)

Dataset name: County Boundaries, CNTY24

Data currentness: January 2014

Accuracy/Scale: 1:24,000 Approximate horizontal accuracy is 51 meters

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: (MEGIS) Maine Office of Geographic Information Systems

Dataset contact: GIS Coordinator, (207) 624-7700

Notes: CNTY24 contains state and county boundaries for Maine, mapped at 1:24,000 scale. The coverage has polygon topology and was created in Arc/Info from METWP24 by a select on arcs coded TYPE = state, county, and coastline. Polygons in the coverage are labeled with COUNTY, CNTYCODE, TAG, LAND, ISLAND. Arcs in the coverage are coded for TYPE and LAND. Please note recommended feature level metadata items FMSRC, FMSRCORG, FMSRCDAT, FMPROCSS, FMUPDORG, FMUPDDAT have been added to the arc coding of this coverage. These items are intended for use in providing specific information about the source of changes to the location of arc features in the coverage and contain codes that cross reference the elements Source Citation Abbreviation, Source Publication Date, Process Step, Process Contact and Process Date in Federal Geographic Data Committee (FGDC) compliant metadata for the coverage.

Dataset name: Town Boundaries, METWP24

Data currentness: January 2014

Accuracy/Scale: 1:24,000

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: (MEGIS) Maine Office of Geographic Information Systems

Dataset contact: GIS Coordinator, (207) 624-7700

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Notes: METWP24 depicts political boundaries, common town names, and geocodes for Maine at 1:24,000 scale. The coverage was created from USGS, 7.5 minute map series, town boundaries. The Maine GIS base layer COAST, which contains Maine's coastal Mean High Water (MHW) mark and Maine islands, was used in the development of METWP24. To correct mapping errors and reflect recent changes to Minor Civil Division (MCD) boundaries, arcs and polygons have been added to or updated in METWP24 from: photo-revised USGS data; Maine GIS base layer coincident features; legal descriptions; GPS data; and Maine Department of Transportation (MEDOT) engineering plans. METWP24 contains USGS 1:100,000 scale data and U.S. Department of Commerce, Bureau of Census, TIGER Line Files 1990 and 2000 where these provide a more correct or best available representation of a coverage feature.

Polygons in the coverage are attributed with the items TOWN, COUNTY, GEOCODE, and CNTYCODE as found in "Standard Geographic Codes for Maine Minor Civil Divisions", 1971. Like COAST, METWP24 contains the item CIREG for island identification numbers based on Maine Department of Conservation, Bureau of Parks and Lands, Coastal Island Registry (CIREG) data.

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

Dataset name: Conserved\_lands

Data currentness: August 2015

Accuracy/Scale: 1:24,000; Approximate horizontal accuracy is 12 meters

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes.

Dataset source: (MEGIS) Maine Office of Geographic Information Systems and Department of Agriculture, Conservation and Forestry

Dataset contact: GIS Coordinator (MEGIS), (207) 624-7700; Gena Denis, GIS Coordinator (Dept. of Agriculture, Conservation and Forestry), (207) 287-3061

Notes: Conserved Lands contains conservation lands ownership boundaries at 1:24,000 scale for Maine land in federal, state, and non-profit ownership with easements. State, county, town, and coast boundary data were obtained from MEGIS town boundary dataset METWP24. 1:24,000 US Geological Survey (USGS) digital line graph data was used for hydrography and transportation features. Where state, county, and town boundaries were coincident with property boundaries, the coincident features were taken from METWP24. Where hydrography, roads, railroads and power-lines were coincident with property boundaries, the coincident features were taken from 1:24,000 digital line graph data. The ownership lines do not represent legal boundaries nor are the ownership lines a survey. Conserved Lands is an inventory only. Original mapping and text on this theme, produced in 1989 and updated in 1993 by R.D. Kelly Jr., Maine State Planning Office (MESPO).

### Cadastral (parcels)

Dataset name: Parcels\_new

Data currentness: June 2015

Accuracy/Scale: The horizontal positional accuracy of the parcel dataset varies statewide.

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This dataset contains updated municipal parcels data along with previously developed parcel data acquired through the municipal grants project by Maine Library of Geographic Information (MLGI). Submission of the municipal grant recipient parcels data was guided by standards presented to the MLGI Board, May 21, 2005, "Standards for Digital Parcel Files" A date field FMUPDAT is attributed with the most recent update date. This dataset also contains municipal parcel data acquired through other sources, the data sets are differentiated by the item FMSCORG.

Horizontal datum: NAD 83

Fee associated? No

Available for redistribution? Yes

Dataset source: (MEGIS) Maine Office of Geographic Information Systems

Dataset contact: GIS Coordinator, (207) 624-7700

Notes: Although GIS parcels data cannot replace detailed ground surveys, the data can assist municipal officials with functions such as accurate property tax assessment, planning and zoning. Towns can link maps to an assessor's database and display local information. Officials can show tax-payers how proposed development or changes in municipal services and regulations may affect the community. In many towns, parcels data also helps to provide public notices, plan bus routes, and carry out other municipal services.

### Terrain (elevation)

Dataset name: Contours\_2FT

Data currentness: February 2015

Accuracy/Scale: Varies

Vertical datum: NGVD 88

Fee associated? No

Available for redistribution? Yes.

Dataset source: (MEGIS) Maine Office of Geographic Information Systems

Dataset contact: GIS Coordinator, (207) 624-7700

Notes: This is a composite data layer of 2' contours created from lidar data collected in Maine between 2006 and 2013. The contours were created using GDAL tools and an interval of 2'. Due to the fact that some areas were collected at high tide, some areas do not have contours that have a zero-value. The data are referenced to NAVD88. Vertical accuracy is 12cm or better. Digital maps retain the accuracy of their source materials. The best use of data mapped at scales of 1:500,000 and 1:250,000 is in statewide planning and studies; at 1:100,000 in regional planning and studies; at 1:62,500 and 1:24,000 in detailed studies and local planning; and at 1:12,000 and 1:5,000 or larger scales in parcel level studies and detailed local planning. Updates, corrections, and feedback, incorporated in the Maine GIS database are made in accordance with "Data Standards for Maine Geographic Information Systems", 2002, and coordinated by MEGIS

Dataset name: Contours

Data currentness: April 2000

Accuracy/Scale: 1:24,000

Vertical datum: NGVD 29

Fee associated? No

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Available for redistribution? Yes.

Dataset source: (MEGIS) Maine Office of Geographic Information Systems

Dataset contact: GIS Coordinator, (207) 624-7700

Notes: CONTOURS contains contour lines for Maine from USGS 1:24,000 scale quadrangles; in accordance with the source, units may be in feet or meters and intervals may be at 10 to 20 feet, or 3 meters. Additional supplementary contours exist on some of the quads. Due to the large number of arcs, elevation codes are spot checked from a representative sample. Please report any elevation coding errors to the Maine Office of GIS. The data retains the edgematching discrepancies existing in the source. There is newer imagery depending on geography so please take a look at <http://www.maine.gov/megis/catalog/>.

## 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    | Discovery Data Repository   |
| Jurisdictional boundaries | National    | Discovery Data Repository   |
|                           | State       | MEGIS Town Boundaries:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a> |
| Tribal land boundaries    | National    | Discovery Data Repository   |

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| Data   | Data Source | Location   |
|--|-------------|--|
| State lands  | State       | Maine Department of Conservation<br>Conserved lands (federal, state, municipal):<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a>  |
| Federal lands  | National    | Discovery Data Repository  |
| Major roads  | State       | Maine DOT transportation layer:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a>   |
|  | National    | Discovery Data Repository  |
| Streams  | National    | Maine uses USGS NHD data -<br>Discovery Data Repository  |
| Coastal Barrier Resource Areas                                     | National    | Discovery Data Repository  |
| 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    | Risk class deciles by Census Block Group<br>Discovery Data Repository  |
| Status of Hazard Mitigation Plans                                  | Regional    | AMPS - Region 1 Mitigation Plan Tracking:<br><a href="https://riskmapportal.msc.fema.gov/FEMA_REGIONS/REGION1/AMPS/default.aspx">https://riskmapportal.msc.fema.gov/FEMA_REGIONS/REGION1/AMPS/default.aspx</a><br>Contact RSC1 for further information |
|  | National    | Discovery Data Repository  |
| Flood control structure data                                       | National    | See National Operating Procedure   |
|  | State       | Maine GIS Impounds and Dams:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a>  |
| Locations of stream gages  | National    | Discovery Data Repository  |
| 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   |

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| Data   | Data Source | Location   |
|--|-------------|--|
| Known flooding issues not represented on effective FIRMs or listed in Coordinated Needs Management Strategy database | Local Only  |  |
| Areas of planned development   | Local Only  |  |
| Areas of land use change datasets  | National    | See National Operating Procedure   |
|  | State       | ME Dept. of Inland Fisheries and Wildlife<br>2001-2007 Imperviousness Change:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a>   |
| 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:<br><a href="http://www.nae.usace.army.mil/Missions/ProjectsTopics.aspx">http://www.nae.usace.army.mil/Missions/ProjectsTopics.aspx</a><br><a href="http://www.nae.usace.army.mil/Media/StateUpdateReports.aspx">http://www.nae.usace.army.mil/Media/StateUpdateReports.aspx</a> |
|  | State       | MaineDOT project statuses (non-geospatial, but includes bridge and highway improvements)<br><a href="http://www.maine.gov/mdot/projects.htm">http://www.maine.gov/mdot/projects.htm</a>  |
| 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 generally 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   |

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| Data   | Data Source                        | Location   |
|--|------------------------------------|--|
| Orthophotography   | National                           | See National Operating Procedure   |
|  | State                              | MEGIS has multiple datasets by county or region; map services available as well as GDBs:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a>  |
| Proposed discussion areas, problem areas, areas of proposed mitigation projects  | Local Only                         |  |
| Land use and soil information  | Land Use                           | Maine Library of Geographic Information Landcover (2004) data:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a>  |
|  | Soils                              | See National Operating Procedure   |
| Reference points to locate areas with flooding issues  | Local Only                         |  |
| Hydraulic structures   | Culverts                           | Local Only   |
|  | Levees, Dams, Bridges              | See National Operating Procedure   |
| 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                           | AMPS - Region 1 Mitigation Plan Tracking:<br><a href="https://riskmapportal.msc.fema.gov/FEMA_REGIONS/REGION1/AMPS/default.aspx">https://riskmapportal.msc.fema.gov/FEMA_REGIONS/REGION1/AMPS/default.aspx</a><br>Contact RSC1 for further information |
| Historic inundation areas and high water marks   | Historic Riverine Inundation Areas | See National Operating Procedure   |
|  | Storm Surge Inundation Areas       | See National Operating Procedure   |
|  | High Water Marks                   | USGS HWM as of May 2011-<br>Discovery Data Repository  |
| Clusters or locations of Individual Assistance/Public Assistance grants and locations of grant projects completed, planned, or underway                    | National                           | See National Operating Procedure   |

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| Data  | Data Source           | Location   |
|---|-----------------------|--|
| 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            |  |
| Any data deficiencies identified in hazard mitigation plans   | Regional              | AMPS - Region 1 Mitigation Plan Tracking:<br><a href="https://riskmapportal.msc.fema.gov/FEMA_REGIONS/REGION1/AMPS/default.aspx">https://riskmapportal.msc.fema.gov/FEMA_REGIONS/REGION1/AMPS/default.aspx</a><br>Contact RSC1 for further information |
| Information from FloodSmart on market penetration   | FEMA                  | <a href="http://www.floodsmart.gov/floodsmart/">http://www.floodsmart.gov/floodsmart/</a>  |
| Community Assistance Visits / Community Assistance Contacts   | National              | Discovery Data Repository  |
| Community Rating System class information   | National              | See National Operating Procedure   |
| Information from other Federal agencies   | National Only         | See National Operating Procedure   |
| Information from State agencies, non-profit organizations, universities, etc.   | Regional              |  |
| Current community plans, ordinances, or programs to alleviate flooding or manage stormwater   | Local only            |  |
| Other known hazards with geographical boundaries (e.g. earthquake faults)   | Tsunami               | Discovery Data Repository  |
|   | Landslide             | Discovery Data Repository  |
|   | Volcanic Eruptions    | Discovery Data Repository  |
|   | Wildfire              | Discovery Data Repository  |
|   | Coastal Bluff Hazards | MEDOC, MGS bluff hazards:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a>   |
| Information on active disasters   | Regional              | USGS Hurricane Irene information:<br><a href="http://coastal.er.usgs.gov/hurricanes/irene/">http://coastal.er.usgs.gov/hurricanes/irene/</a>   |
|   | State                 | Maine Emergency Management Agency:<br><a href="http://www.state.me.us/mema/">http://www.state.me.us/mema/</a>  |

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| Data  | Data Source       | Location  |
|---|-------------------|---|
| Campgrounds, recreational areas, emergency access routes, etc.    | National<br>State | Discovery Data Repository<br><br>Conserved lands:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a>  |
| Wetlands, additional water body information, hurricane inundation | State             | Wetlands:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a><br><br>MIDAS (additional water body information):<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a><br><br>Hurricane Surge Inundation:<br><a href="http://www.maine.gov/megis/catalog/">http://www.maine.gov/megis/catalog/</a> |

## Data Distribution Process for State Data

Electronic on-line Data is available for download at the [ME GIS Website](#).

Online Option: Access Instructions: Where file size and Internet access permit, data requests can be made available via File Transfer Protocol (FTP).

For hardcopy media MEGIS does some custom mapping, with available Maine GIS data, as time allows. If you have a custom mapping question please call the technical support line at (207) 287-6144 and ask about an estimate for your mapping needs. Turnaround: 15 working days

## 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.

# State Geospatial Data Coordination Procedure

## Clearinghouses and Inventories for the State

MEGIS provides technical support for Maine GIS data, estimates on custom mapping, as well as consultation on data and application development, as time permits.

## 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.”

## Geospatial One-Stop

Geospatial One-Stop, available at <http://geo.data.gov/geoportal/>, 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=ME>

Of special interest are:

**Maine Geographic Information System (ME GIS)** – [ME GIS](#) provides technical support for Maine GIS data, estimates on custom mapping, as well as consultation on data and application development, as time permits.

### **USGS New England Mapping Partnership Office**

([http://www.usgs.gov/contact\\_us/?state=ME](http://www.usgs.gov/contact_us/?state=ME)) – The USGS partnership program is the geospatial liason between the USGS and the New England States. The office is responsible for Maine and other New England states.

## 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 of the following ways:

- a. MEGIS would like to attend each kickoff/Discovery meeting
- b. MEGIS is a FEMA Cooperating Technical Partner

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.

# State Geospatial Data Coordination Procedure

## State Coordination Process for Building Geospatial Partnerships

### Executive Council for Geographic Information Systems (GIS EC)

In October 1996, the Information Service Policy Board (ISPB) adopted a resolution which, in part, declared an Executive Council for Geographic Information Systems (GIS EC) would be formed to oversee the operation of the Office of Geographic Information Services and development of a statewide geographic information system. [Maine GIS Stakeholders Information](#)

### 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>.

Some of the regional planning commissions (RPC) in Maine provide GIS services to their member communities. The list of the RPCs in Maine and their websites are listed below.

- Androscoggin Valley Council of Governments, <http://www.avcog.org> , 207-783-9186
- Eastern Maine Development Corporation, <http://www.emdc.org/> , 207-942-6389
- Kennebec Valley Council of Governments, <http://kvcog.org/index.php/municipal-regional/gis-mapping-services> , 207-453-4258
- Mid-Coast Regional Planning Commission, <http://www.midcoastplanning.org/mapDemoFore.html>, 207-594-2299
- Northern Maine Development Commission, <http://www.nmdc.org/planning/gismapping.html>, 207-498-8736
- Greater Portland Council of Governments, <http://www.gpcog.org/>, 207-774-9891
- Southern Maine Regional Planning Commission, <http://www.smrpc.org/>, 207-324-2952

### 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 Purpose of the Procedure.

The lead will use your feedback to update this Procedure.