



Environmental Protection Agency Region I

KEY CONTACTS:

Deborah Cohen
GIS Coordinator
EPA-New England
1 Congress St., Suite 1100 (MIR)
Boston, MA 02114-2023
Phone: (617) 918-1145
Email: cohen.deborah@epa.gov

Tom Giffen
GIS Technical Coordinator
EPA-New England
1 Congress St., Suite 1100 (MIR)
Boston, MA 02114-2023
Phone: 617-918-1444
Email: Giffen.Tom@epamail.epa.gov

JURISDICTION: The six New England states

MISSION: To protect human health and to safeguard the natural environment where people live, learn, and work.

MAJOR DISCIPLINES:

- Environmental Regulation
- Resource Protection
- Human Health Protection

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- CAD software
- GIS software
- GPS technology
- Remote Sensing

NSDI THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Transportation
- Government Units
- Hydrography
- Elevation
- Orthoimagery

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Locational information for EPA's regulated community (RCRA, CERCLA, public water supply, USTs, NPDES, etc.)
- Land Use/Land Cover
- Sole Source Aquifers
- Areas of Critical Environmental Concern
- Demographics

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS DATA IN VT:

- Resource Protection Project
- Lake Champlain (various projects)

Farm Service Agency



KEY CONTACTS:

John St. Onge, GIS Coordinator
USDA - FSA
109 Professional Drive, Suite 2
Morrisville, VT 05661
Phone: (802) 888-4935
Fax: (802) 888-8901
Email: john.stonge@vt.usda.gov

JURISDICTION: Vermont

MISSION: To ensure the well-being of agriculture and the environment through administration of farm commodity programs, farm ownership, operating and emergency loans, conservation and environmental programs, emergency and disaster assistance.

MAJOR DISCIPLINES:

- Agriculture
- Farm Loans
- Conservation

MAPPING TECHNOLOGIES USED:

- GIS Software
- Hard-copy Maps
- GPS Technology

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Delineation of agricultural land

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Orthoimagery

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- Cropland Delineation
- Conservation Practices
- Land Use

Federal Emergency Management Agency Region 1



KEY CONTACTS:

Lauren McLane, (Technical & Policy/Program)
FEMA Region 1
GIS Coordinator, Response and Recovery Operations Branch
99 High Street, 6th Floor
Boston, MA 02110
Phone: 617-956-7575
Fax: 617-956-7507
Email: lauren.mclane@dhs.gov
URL: <http://www.fema.gov>

JURISDICTION: New England

MISSION: To lead America to prepare for, prevent, respond to, and recover from disasters.

MAJOR DISCIPLINES:

- National preparedness
- Disaster response and recovery
- Mitigation including flood mapping and other natural hazards

MAPPING TECHNOLOGIES USED:

- GIS Software
- Hard-copy Maps
- GPS Technology
- Remote Sensing

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Federal Flood Insurance Rate Maps (FIRMs)

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Elevation
- Orthoimagery

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- FIRMs
- Disaster specific mapping/remote sensing
- Environmental considerations for projects

Federal Highway Administration

KEY CONTACTS:

Policy/Program:

Chris Jolly, Planning and Program Engineer
Federal Highway Administration
P.O. Box 568
Montpelier, VT 05601
Phone: (802) 828-4433
Fax: (802) 828-4424
Email: christopher.jolly@fhwa.dot.gov

Technical:

Dave Gagne, Computer Specialist
Federal Highway Administration
PO Box 568
Montpelier, VT 05601
Phone: (802) 828-4433
Fax: (802) 828-4424
Email: dave.gagne@fhwa.dot.gov

JURISDICTION: Vermont

MISSION: To continually improve the quality of our nation's highway system and its intermodal connections.

MAJOR DISCIPLINES:

- Administer federal-aid highway program through State Agency of Transportation (VTrans)

MAPPING TECHNOLOGY USED:

- Hard Copy Maps

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Transportation
- Geodetic Control
- Elevation
- Hydrography

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Fund VTrans Projects

Forest Service – Green Mountain National Forest



KEY CONTACTS:

Bruce D. Reid
GIS Coordinator/GPS Operations
USDA Forest Service, Green Mountain
National Forest
99 Ranger Rd.
Rochester, VT 05767-9431
Phone : (802) 767-4261 x520
Fax: (802) 767-4777
Email: breid@fs.fed.us

Nancy Iwanicki
Land Surveyor
Policy/Program contact
231 North Main St.
Rutland, VT 05701
Phone: (802) 747-6731
Fax: (802) 747-6766
Email: niwanicki@fs.fed.us

JURISDICTION: Vermont and New York

- Hydrography
- Government Units

MISSION: To manage the lands of the Green Mountain and Finger Lakes National Forests.

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Recreation Data
- Archeology

MAJOR DISCIPLINES:

- Forestry
- Soils
- Hydrology
- Recreation
- Botany
- Wildlife Management
- Fisheries Management

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- Appalachian Trail Mapping Project

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- CAD software
- GIS software
- GPS technology

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Transportation
- Geodetic Control
- Cadastral

Forest Service - Northeastern Research Station



KEY CONTACTS:

Marla Emery
USDA - Forest Service
Northeastern Research Station
PO Box 968
Burlington, VT 05402
Phone: (802) 951-6771
Fax: (802) 951-6368
Email: memery@fs.fed.us

URL: www.fs.fed.us/ne/burlington/

JURISDICTION: Northeastern states, including New England, New York, New Jersey, Virginia, West Virginia, Maryland and Delaware.

MISSION: Caring for the land and serving people.

MAJOR DISCIPLINES:

- Ecology
- Forestry
- Social Science
- Natural Resource Management

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- GIS software
- GPS technology
- Landsat TM
- MSS data
- Digital Imagery
- Aerial Photography

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Transportation
- Governmental units
- Hydrography
- Elevation
- Orthoimagery

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Indices of forest fragmentation
- Mapping human activities in forests

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- Forest fragmentation
- Ecological land classification
- Future version of the "NED" software

National Geodetic Survey



KEY CONTACTS:

Jim Richardson
NGS
National Life Bldg, Drawer 33
Montpelier, VT 05633
Phone: (802) 828-8213
Fax: (802) 828-3522
Email: james.richardson@state.vt.us

JURISDICTION: Vermont and New England Region

MISSION: To provide an accurate, reliable, and accessible spatial reference system for the state of Vermont.

MAJOR DISCIPLINES:

- Geodesy
- Photogrammetry
- Remote Sensing

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- GIS software
- GPS technology

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Transportation
- Geodetic Control
- Cadastral
- Hydrography
- Elevation
- Orthoimagery

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Geodetic Control Monuments

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- Vermont Digital Orthophotos in cooperation with Vermont Mapping Program and Vermont Agency of Transportation.



KEY CONTACTS:

Nigel Shaw, GIS Program Manager
National Park Service, New England Cluster
Research and Natural Resources
Boston Support Office
15 State Street
Boston, MA 02109
Phone: (617) 223-5065
Fax: (617) 223-5097
Email: Nigel_Shaw@nps.gov

JURISDICTION: New England States, New
York, New Jersey

MISSION: To promote and regulate the use of the
...national parks...which purpose is to
conserve the scenery and the natural and
historic objects and the wild life therein
and to provide for the enjoyment of the
same in such manner and by such means
as will leave them unimpaired for the
enjoyment of future generations.

MAJOR DISCIPLINES:

- Land management
- Natural and cultural resource research
- Resource management

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- CAD software
- GPS technology
- GIS Software

**NSDI FRAMEWORK THEMES OF DATA USED,
PRODUCED OR FUNDED:**

- Transportation
- Geodetic Control
- Hydrography
- Elevation
- Orthoimagery

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Site-specific data for Marsh-Billings-Rockefeller
National Historical Park

**EXAMPLES OF PROJECTS WHICH DEVELOP OR
USE GIS DATA IN VT:**

- Cultural Landscape Report
Marsh-Billings-Rockefeller National Historical
Park
- Forest Management Plan
Marsh-Billings-Rockefeller National Historical
Park



KEY CONTACTS:

Christina Marts, Resource Management
Specialist
Marsh-Billings-Rockefeller Nat'l Historical Park
54 Elm St.
Woodstock, VT 05091
Phone: (802) 457-3368 x31
Fax: (802) 457-3405
Email: Christina_marts@nps.gov
URL: <http://www.nps.gov/mabi/>

JURISDICTION: 550-acre park in Woodstock,
VT

MISSION: Marsh-Billings-Rockefeller National
Historical Park is the only national park
to focus on conservation history and the
evolving nature of land stewardship in
America. Opened in June 1998,
Vermont's first national park preserves
and interprets the historic Marsh-
Billings-Rockefeller property.

MAJOR DISCIPLINES:

- Forest Ecology
- Land Use History
- Silviculture

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- GIS Software

**NSDI FRAMEWORK THEMES OF DATA USED,
PRODUCED OR FUNDED:**

- Transportation
- Government units
- Hydrography
- Elevation
- Orthoimagery

**EXAMPLES OF PROJECTS WHICH DEVELOP OR
USE GIS DATA IN VT:**

- Park specific ecological analyses
- Park specific land-use history/change analyses
- Park specific vegetative mapping



National Weather Service

KEY CONTACTS:

Charles McGill, Meteorologist
National Weather Service
Burlington International Airport
South Burlington, VT 05403
Phone: (802) 862-8711
Fax: (802) 660-0705
Email: charles.mcgill@noaa.gov
URL <http://www.nws.noaa.gov/er/btv>

Paul A. Sisson, Science and Operations Officer
National Weather Service
Burlington International Airport
South Burlington, VT 05403
Phone: (802) 862-8711
Fax: (802) 660-0705
Email: paul.sisson@noaa.gov

JURISDICTION: All counties in Vermont (except Bennington and Windham) as well as Essex, Clinton, St. Lawrence and Franklin counties of Northern NY.

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- GIS Software (ArcView)
- GPS technology

MISSION: To provide weather and flood warnings, public forecasts and advisories for all of the United States, its territories, adjacent waters and ocean areas, primarily for the protection of life and property. NWS data and products are provided to private meteorologists for the provision of all specialized services.

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Elevation

MAJOR DISCIPLINES:

- Meteorology
- Hydrology

KEY CONTACTS:

Technical Contact:

Caroline Alves, GIS Specialist
600 Blair Park, Suite 230
Williston, VT 05495-7529
Phone: 802-878-7402 x23
Fax: 802-879-3920
caroline.alves@vt.usda.gov
URL: <http://www.nrcs.usda.gov>

Policy/Program and Technical Contact:

Ray Godfrey, Resource Inventory Coordinator
NRCS
356 Mountain View Dr., Suite 105
Colchester, VT 05446
Phone: 802-951-6796 x239
Fax: 802-951-6327
E-mail: rgodfrey@vt.nrcs.usda.gov

Toby Alexander, Resource Conservationist
802-951-6796 x229

JURISDICTION: Vermont

MISSION: To provide leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment.

MAJOR DISCIPLINES:

- Soil Science
- Soil Conservation
- Grazing Lands Sciences
- Agricultural and Bioengineering
- Holistic Watershed Resource Planning
- Agricultural Nutrient Management
- GIS

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- CAD software
- GIS software
- GPS technology

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Transportation
- Geodetic Control
- Cadastral
- Government Units
- Hydrography
- Elevation
- Orthoimagery

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Soils
- Hydrologic units (Watersheds)
- Surface Water

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- Lewis Creek Land Use/Habitat Fragmentation Study
- White River Watershed Resource Assessment
- Archeologic Site Inventories
- SSURGO Soils Database Development
- Field GIS in Mapping Soils
- National Resource Inventory (NRI)
- Lewis Creek Urban Sprawl Trending Study
- Digital Soils Data CD



U.S. Army Corps of Engineers, New England District

KEY CONTACTS:

Matthew Walsh, CENAE-EP-WG
US Army Corps of Engineers
696 Virginia RD
Concord MA 01742-2751
Phone: (978) 318-8647
Fax: 978-318-8080

JURISDICTION: The six New England States and small parts of New York.

MISSION: The Corps of Engineers' mission is to provide comprehensive engineering, management and technical support to the Department of Defense, other agencies, and to State and Local governments.

MAJOR DISCIPLINES:

- Environmental remediation and engineering
- Flood control
- Natural resource management
- Stream bank and shoreline protection
- Navigation improvements and maintenance
- Disaster assistance
- Regulatory administration
- Engineering and construction management support to other agencies
- Cleaning up hazardous waste

MAPPING TECHNOLOGY USED:

- CADD
- GIS Software
- GPS
- Remote Sensing
- Digital Flow Models
- Resource Management Software

NSDI THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Transportation
- Geodetic Control
- Cadastral
- Government Units
- Hydrography
- Elevation
- Orthoimagery

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Location and information on Army Reserve Centers located throughout the state.
- The district creates and maintains regional and project data related to the disciplines listed above.
- Data from these projects are in formats compatible with ESRI, Autodesk, Intergraph, Bentley, and Microsoft software

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- Tri-Service Spatial Data Standards - an ongoing effort in the Department of Defense to standardize information which has been adopted by many states and companies to assist in data transfer.
- Corps flood control projects – 5 Dams located in VT.
- Currently establishing a regional GIS management system that will be web-based to complement the digital project notebook (located at <http://www.tec.army.mil/tecsite.html> under [products]). The district's version of the notebook will be the beginning of a data warehouse for regional Corps of Engineers data.
- GIS training lab in Hanover, NH available for use.



U.S. Fish and Wildlife Service – Lake Champlain and Adjacent Watersheds

KEY CONTACTS:

Dave Tilton, Project Leader
U.S. Fish and Wildlife Service
11 Lincoln Street
Essex Junction, VT 05452
Phone: (802) 951-6313
Fax: (802) 951-6315
Email: dave_tilton@mail.fws.gov

JURISDICTION: Lake Champlain watershed in Vermont, New York, and Canada; Connecticut River watershed in Vermont; Upper Hudson River Watershed in Vermont and New York

MISSION: The Lake Champlain Fish and Wildlife Resources Office operates as a U.S. Fish and Wildlife Service team dedicated toward restoring and conserving fish and wildlife resources in the Lake Champlain watershed and adjacent watersheds for public benefit. Our activities are carried out through fish and wildlife habitat restoration, providing technical expertise in fish and wildlife conservation and management, increasing technical knowledge about Lake Champlain's living resources, enhancing interagency cooperation and partnerships and better informing the public about fish and wildlife resource issues. The Lake Champlain Office accomplishes these purposes using Federal base funding and through funding from other government agencies.

MAJOR DISCIPLINES:

- Fisheries (Sea Lamprey, Atlantic Salmon, etc.)
- Wildlife (Habitat Restoration, etc.)

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- GIS software
- GPS technology

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Hydrography
- Elevation
- Orthoimagery

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- Quality index of Atlantic Salmon habitat in Lake Champlain tributaries
- Model of Integrated Management of Sea Lamprey in Lake Champlain tributaries
- National Wildlife Refuge mapping (Missisquoi National Wildlife Refuge)



U.S. Fish and Wildlife Service – Region 5

KEY CONTACTS:

Linda Shaffer, Supervisory Cartographer
U.S. Fish & Wildlife Service – Cartography and Spatial Data Services
300 Westgate Center Dr.
Hadley, MA 01035
Phone: (413) 253-8292
Fax: (413) 253-8451
Email: linda_shaffer@fws.gov
URL: <http://www.fws.gov/r5gis>

JURISDICTION: ME, NH, VT, RI, CT, MA, NY,
PA, NJ, DE, MD, WV, VA

MISSION: The U.S. Fish and Wildlife Service's mission is to work with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats for the continuing benefit of the American people.

- MAJOR DISCIPLINES:**
- Natural Resources Conservation
 - Wildlife Biology
 - GIS
 - Cartography

- MAPPING TECHNOLOGY USED:**
- Hard Copy Maps
 - CAD Software
 - GIS Software
 - GPS Technology

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Transportation
- Government Units
- Hydrography
- Elevation
- Orthoimagery

OTHER GIS DATA CREATED, USED, OR FUNDED:

- National Wildlife Refuge Boundaries
- Tax maps
- Vegetation
- Wetlands
- Habitat Data
- Land Use/Cover

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS DATA IN VT:

- Refuge planning at Conte and Missisquoi National Wildlife Refuges
- Monitoring project in Nulhegan basin



U.S. Fish and Wildlife Service - Connecticut River

KEY CONTACTS:

Michelle Babione, Asst. Project Leader
Connecticut River Coordinator's Office
US Fish and Wildlife Service
103 E. Plumtree Road
Sunderland, MA 01375
Phone: (413) 548-9138 x49
Fax: (413) 548-9622
Email: Michelle_Babione@fws.gov
URL: <http://www.fws.gov/r5crc>

JURISDICTION: Connecticut River Watershed

MISSION: To work with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats for the continuing benefit of the American people.

MAJOR DISCIPLINES:

- Fisheries Management
- Endangered Species
- Migratory Species
- Contaminants

MAPPING TECHNOLOGY USED:

- Hard-copy Maps
- GIS software
- GPS technology

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Hydrography
- Elevation

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Habitats of migratory fish in the Connecticut River Watershed.

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- Atlantic salmon stocking location GIS data
- Barriers to migratory fish passage
- 1:5000 hydrographic data, edge-matched for VT



U.S. Fish and Wildlife Service – Mississquoi National Wildlife Refuge

KEY CONTACTS:

Robert Alan Zelley
Biologist/Technical and Program Contact
Mississquoi NWR
371 River St.
Swanton, VT 05488
Phone: 802-868-4781
Fax: 802-868-2379
alzelley@fws.gov
URL: <http://www.fws.gov>

Chuck Hayes
Atlantic Coast Joint Ventures Coordinator/
Program Contact
USFWS/ACJV
POB 307
Charlestown, RI 02813

JURISDICTION: Mississquoi National Wildlife
Refuge

MISSION: The U.S. Fish and Wildlife Service is the
principal Federal agency responsible for
conserving, protecting and enhancing
fish, wildlife and plants and their habitats
for the continuing benefit of the
American people.

MAJOR DISCIPLINES:

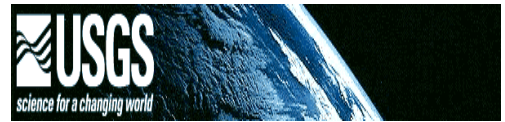
- Wildlife Management
- Zoology
- Botany

MAPPING TECHNOLOGIES USED:

- Hard Copy Maps
- GIS Software
- GPS Technology

NSDI THEMES OF DATA CREATED, USED, OR FUNDED:

- Hydrography
- Orthoimagery



KEY CONTACTS:

Technical Contact:
Craig Johnston, Physical Scientist
U.S. Geological Survey
361 Commerce Way
Pembroke, NH 03275
Phone: (603) 226-7843
Fax: (603) 226-7894
Email: cmjohnst@usgs.gov
URL: <http://nh.water.usgs.gov>

Public Information Contact:
Debra Foster
Outreach Coordinator
USGS
361 Commerce Way
Pembroke, NH 03275
Phone: (603) 226-7837
Fax: (603) 226-7894
Email: dhfoster@usgs.gov

JURISDICTION: New Hampshire/Vermont District

MISSION: The USGS serves the nation by providing reliable scientific information to describe and understand the earth, minimize loss of life and property from natural disasters, manage water, biological, energy, and mineral resources, and enhance and protect our quality of life.

MAJOR DISCIPLINES:

- Water
- Geology
- Geography
- Biology

TECHNOLOGY USED:

- Hard-copy Maps
- GIS software
- GPS technology

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Transportation
- Geodetic Control
- Hydrography
- Elevation
- Orthoimagery

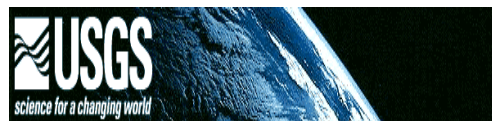
OTHER GIS DATA CREATED, USED, OR FUNDED:

- Watershed data
- Digital elevation models
- Stream channel and basin characteristics linked to National Hydrography Dataset (NHD)

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- VT Flow frequency tool
- SPARROW water quality modeling
- NHD applications
- NHD watershed
- FEMA flood insurance maps

U.S. Geological Survey Eastern Region Geography New England Mapping Partnerships Office



KEY CONTACTS:

Lynn C. Bjorklund
New England Liaison
U.S. Geological Survey
Eastern Region Geography
New England Mapping Partnerships Office
10 Bearfoot Road
Northborough, MA 01532-1558
Phone: 508-490-5074
Fax: 508-490-5068
Email: lcbjorklund@usgs.gov

JURISDICTION: New England

MISSION: To serve the nation by providing reliable scientific information to (1) describe and understand the Earth; (2) minimize loss of life and property from natural disasters; (3) manage water, biological energy, and mineral resources; and (4) enhance and protect our quality of life.

MAJOR DISCIPLINES:

- Geography (Mapping)
- Geology
- Water Resources
- Biological Resources

TECHNOLOGY USED:

- Hard-copy Maps
- GIS Software
- GPS Technology
- On-line map viewers/servers

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Hydrography
- Transportation
- Geodetic control
- Government Units
- Hydrography
- Elevation
- Orthoimagery

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Satellite Imagery
- Land Cover/characterization
- Geographic Names Information System
- Structures/cultural Features (including high resolution critical infrastructure data for homeland security requirements)
- Long term maintenance of best-resolution public domain basemap data layers (learn more at <http://nationalmap.usgs.gov>)

EXAMPLES OF PROJECTS WHICH DEVELOP OR USE GIS IN VT:

- 1:5K Vermont Hydrography Dataset (production funding and technical support agreement with VCGI)
- 1:24K National Hydrography Dataset (production agreement with USGS offices, additional funding from USFS)
- 1:5K Vermont Orthophoto Program (funding agreement)

USDA-Northern VT George D. Aiken RC&D



KEY CONTACTS:

Technical Contact:
Troy Dare, Engineering Technician
1538 VT Route 66
Randolph, VT 05060
Phone: (802) 728-9526
Fax: (802) 728-5951
Email:

JURISDICTION: Statewide

MISSION: To assist local fire departments in reducing the risk of injury; loss of life and property; and improve the safety and welfare of the community.

MAJOR DISCIPLINES:

- Natural Resources Management
- Rural Development
- Community Development

TECHNOLOGY USED:

- Hard-copy Maps
- GIS Software
- GPS Technology

NSDI FRAMEWORK THEMES OF DATA USED, PRODUCED, OR FUNDED:

- Hydrography

OTHER GIS DATA CREATED, USED, OR FUNDED:

- Roads
- Surface Water
- Town Boundaries
- Population Density
- Infrastructure Density
- Dry Hydrant Data Layer for Rural Fire Protection