



# **VT State GIS Annual Report**

## **VT Enterprise GIS Consortium**

***FY 2015***

**Prepared By:** VT Enterprise GIS Consortium  
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### ATTACHMENT A – EGC MEMBER DIRECTORY

#### Document History

Version	Date	Author(s)	Revision Notes
DRAFT1	8/3/2015	Steve Sharp, VCGI	Draft FY'15 Annual Report released for review by EGC
DRAFT2	8/5/2015	Steve Sharp, VCGI	Draft FY'15 Annual Report released for review by EGC
DRAFT3	10/12/2015	EGC	Integrate of agency reports. Final draft for EGC review/approval.
DRAFT4	10/14/2015	Steve Sharp, VCGI	Minor edits based on final feedback.
FINAL	10/30/2015	EGC	Approved by EGC via E-vote

## Executive Summary

The State GIS Annual Report documents the GIS initiatives and accomplishments of State agencies as well as the Enterprise GIS Consortium<sup>1</sup> (EGC) in FY'2015. State agencies and the EGC had another productive year, continuing efforts to foster efficient and effective use of the State's geospatial resources. State agency GIS teams focused on developing, deploying, and maintaining a wide range of geospatial solutions designed to support the business needs of their users, partners, and stakeholders. Meanwhile the EGC made headway in a number of areas including the statewide Parcel Data Program initiative, State GIS career ladder and job specifications, and a restart of Vermont's Open GeoData Portal rebuild.

## Enterprise GIS Accomplishments – FY2015

- 1) **Vermont Enterprise GIS Consortium (EGC):** The EGC held monthly meetings throughout FY 2015. This allowed the EGC to maintain momentum on a number of work items identified in the FY 2015 Business Plan<sup>2</sup>. EGC member participation has been steady.
  - *Strategic Plan Alignment: Meets Objective 1, 2, & 3*
- 2) **Statewide Parcel Data Program:** The EGC Parcel Data Workgroup held regular meetings focused on facilitating the goal of creating and maintaining a consistent and up-to-date statewide parcel dataset for VT. The Parcel Workgroup worked with AppGeo (contractor hired by VTrans) to conduct a detailed Return on Investment (ROI) and Life Cycle analysis that looked at the potential value of a consistent statewide parcel dataset, and the organizational arrangements that could be established to support a statewide parcel data program. VCGI also continued to support the development of additional town parcel data under the Northern Borders Regional Commission (NBRC) grant. VCGI's experience administering the NBRC project will help inform the Parcel Workgroup's efforts to craft an ongoing parcel program in collaboration with Vermont's municipalities.
  - *Strategic Plan Alignment: Meets Objective 4, 5, 6, 7 & 9*
- 3) **Emergency Management Workgroup:** The EGC's Emergency Management Workgroup (EMW) continued its efforts to enhance GIS capabilities and procedures that improve the use of GIS technology which supports State of Vermont Emergency Management planning and response activities.
  - *Strategic Plan Alignment: Meets Objective 4, 5, 6, 7 & 9*
- 4) **Geocortex Team:** Five agencies (ANR, AHS, E911, VTrans, and VCGI) continued to share hardware and software used to support the State's Geocortex Essentials interactive mapping platform. This enterprise application has allowed these agencies to develop and maintain interactive mapping applications that meet the specific needs of their target constituencies. In

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<sup>1</sup> The EGC is a voluntary consortium of state government organizations focused on effective management of State's Enterprise Geographic Information System (GIS).

<sup>2</sup> [EGC BusinessPlan\\_FY2015\\_final.pdf](#)

2015 the Geocortex Team revised the Memorandum of Understanding (MOU), adding enhancements and clarifications that will improve the long-term viability of this collaborative arrangement. The Geocortex Team also successfully upgraded both the development and production systems to the latest version of the software. Efforts are now focused on migrating interactive map viewers to the new HTML5 framework.

- **Strategic Plan Alignment:** *Meets Objective 4, 5, 6, 7 & 9*

5) **VT Open GeoData Portal Project:** In FY'14 the EGC established the Open Data Workgroup (formerly called the Data Warehouse Workgroup) and directed it to work with VCGI to redesign and rebuild the State's Open GeoData Portal. By the end of FY'14 the Workgroup had

- i) Drafted and ranked requirements (user stories) for a new VT Open GeoData Portal.
- ii) Tested several platforms that could be used to build and deploy a new Portal.
- iii) Drafted, released, and received responses to a "VT Open Data Portal" RFI (Request For Information).

However, the project was put on hold pending the completion of VCGI's move into state government (March 2015). The EGC rebooted the project in April 2015, completed a test of Esri's ArcGIS Online Open Data Platform (AGO OD), and voted to endorse this platform (July 1<sup>st</sup>, 2015) as the best solution for a new VT Open GeoData Portal. VCGI is working with ACCD's project management team to relaunch the project within the context of ACCD's project management processes.

- **Strategic Plan Alignment:** *Meets Objective 4, 5, 8, 9, 10, & 12*

6) **GIS Careers in State Government:** As part of the IT reclassification analysis going on for all of state government, EGC representatives proposed a GIS track that expands and aligns the current GIS-specific positions in the state job classification system. The proposed GIS track includes tiers similar to the tiers used for all other IT tracks. The EGC finalized and endorsed (July, 2015) the proposed GIS career track and job specifications, and forwarded it to the State's Human Resources IT review committee for consideration.

- **Strategic Plan Alignment:** *Meets Objective 15 & 16*

7) **EGC Charter and Strategic Plan Review:** The EGC began a review and revision of the EGC's Charter and the State's Enterprise GIS Strategic Plan in FY'15. The EGC reviewed and adjusted the strategic objectives defined in the Strategic Plan, and began to discuss implementation strategies. The EGC also discussed how its role might change now that VCGI is part of state government, and the VCGI Board of Directors (formerly VT GIS Advisory Board) no-longer exists. Discussions were temporarily tabled during the latter half of FY'15 as VCGI grappled with its move into state government, and as additional questions about VCGI's role within state government began to surface.

8) **EGC SharePoint site:** The EGC's SharePoint portal (EGC GeoPoint GIS Portal) was maintained and used throughout FY'2015 to share data and documents. The EGC's SharePoint site supports EGC activities, and acts as a central reference point for EGC documents and resources. The site is available to State employees, EGC stakeholders, and the public.

- *Strategic Plan Alignment: Meets Objective 12 & 18*
- 9) **Revised Web Services Strategy:** The EGC revised the Web Services Strategy and released a version 2.2 in November 2014. This revision included the addition of LIDAR services.
- *Strategic Plan Alignment: Meets Objective 4 & 13*

## State Agency GIS Report – FY2015

### Agency of Agriculture, Food, and Markets

This year the Vermont Agency of Agriculture, Food & Markets' (VAAFM) GIS unit launched our ArcGIS Server Service, with the support of VCGI. VAAFM created a web app, for internal use only, of all of our farm data to date, called FarmViewer.



FarmViewer is enabling non-GIS users in the home office, field offices and the field itself to engage with our spatial data. This has proved essential to support the increased load of small farm inspections required from the water quality bill passed by the legislature this past spring. VAAFM is also creating a second GIS position to focus specifically on water quality data. This fall VAAFM's GIS unit is creating new connections to the

agency's animal health datasets in preparation for the likelihood of local cases of Avian Influenza. These new connections could be the Rosetta stone of connecting the Water Quality unit's datasets and the Animal Health unit's datasets. In the coming year VAAFM's GIS unit plans to generate a unified agency farm dataset. VAAFM hopes to be able to share this dataset with other state agencies, and also make FarmViewer a read-write application from the field.

### Agency of Natural Resources

The ANR Office of GIS had another great year with many accomplishments. Some of the highlights include:

The release of the Natural Resources Atlas HTML5 viewer to the public. This viewer makes the popular Natural Resources Atlas available without the need of a plugin and also enables the viewer to be available on mobile devices and tablets. This new viewer utilizes the HTML5 programming framework which gives the viewer a longer shelf life with added functionality and ease of use to the end-user.

Many communities have benefited from the ANR GIS Urban Tree Collector Application. ANR GIS leveraged the ArcGIS Collector mobile application to develop an application for the Vermont Urban and Community Forestry Program to inventory trees across 20 different 'urban' communities across the state. This application will facilitate a strategic plan for community trees and will also help train town employees in best practices for tree care.

ANR GIS has been active in the participation in Agency Lean events. Many outcomes from Lean events are recommendations for better IT applications. ANR GIS has been involved to help facilitate the recommendations in the process to ensure that they are manageable and sustainable.

ANR GIS has spent time creating an ANR Open GeoData portal. Much of the data that is available on the Agency's Natural Resources Atlas is now available for download in an Open Data format from our ANR portal.

Other-Powered Driven Mobility Devices (OPDMD) Project – ANR GIS assisted Forests, Parks and Recreation address a Department of Justice (DOJ) regulation implementing Title II and Title III of the 1990 Americans with Disabilities Act (ADA). ANR GIS created a secure web map and provided training for staff to identify where appropriate OPDMD vehicle classes are reasonable.

Linear Referencing for Roads and Trails on key ANR Units – ANR GIS compiled data from the Forestry Districts and other sources and built measured routes. The measured routes can be used to store any number of features without segmenting it. It is the preferred system for managing road geometry and information with many State Transportation Agencies including VTrans.

Natural Communities GIS Standard and data development – ANR GIS develop a data standard for completing Natural Community mapping within the State of Vermont. The standard includes all the described natural communities in the State and makes it easier for Ecologists completing the mapping. All the existing mapping completed over the last decade has been brought to standard and is available for viewing using the Natural Resources Atlas.

Protected Lands Reboot – ANR GIS is an active participant updating the Protected Lands, formally Conserved Lands, GIS Standard. The dataset with contributing organizations at the Federal, State, Municipal, and Private organizations will be a single-source for protected lands within the State of Vermont.

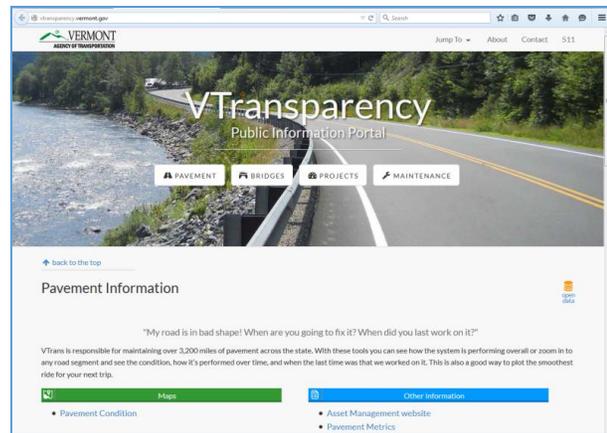
Materials Management Application (Organics) – ANR GIS developed a mapping tool to connect various stakeholders across Vermont with solid waste services and resources. It can be used as a visual, interactive aid for general planning purposes and for Universal Recycling requirements (ACT148)

Flood Ready – ANR GIS Created a mapping tool called the Flood Ready Atlas. The Vermont Flood Ready Atlas is an online-map tool that can help you identify critical facilities, transportation services and buildings in your community that are at risk of damage from flooding. The Atlas can also help you identify local watersheds and the extent of natural flood protection provided by forests, wetlands, floodplains and river corridors.

EGC Geocortex System Administration – ANR GIS took on the role as the primary Geocortex System Administrator in 2015.

## **Agency of Transportation**

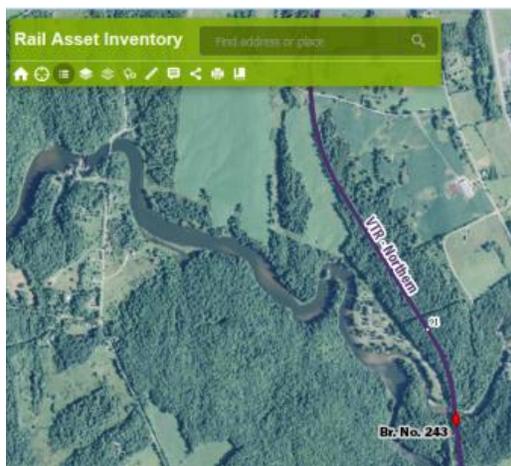
Vermont's Transportation data layers consist of road centerline, railroad, bridge, airport, small culverts, and other transportation assets, as well as transportation related metrics including traffic volume, crash locations, pavement condition, and others. GIS data layers are integral to the internal workflows of the Agency and are continuing to expand in mapping, right of way, asset management, project development and the visualization of the overall assessment of the transportation infrastructure.



Over the course of the last year, more emphasis has been put on the deployment of web maps through VTransparency (<http://vtransparency.vermont.gov/>) with access to pavement condition, bridge closures and inspections, project information, and maintenance activities. The data through VTransparency can also be accessed via the VTrans Open Data Portal at <http://vtransparency.vtrans.opendata.arcgis.com/>.

The VTrans Data Management Section developed and implemented mobile data collection applications in ArcGIS Online and ArcCollector for transportation asset data collection in the Maintenance Districts and provided training to transportation workers statewide. These provide a GIS-based framework for transportation maintenance operations, including litter picking, mowing, guardrail work, and pavement markings. Data Management Staff continues development of additional applications for other maintenance activities. The Data Management Section also continues GIS work on pavement condition, construction projects and expects to complete the Small Culvert Inventory in the near future.

The VTrans Right of Way Section has continued to develop and expand the VTrans Right of Way Viewer (<http://host.appgeo.com/vtrans/>) that leverages GIS to provide access to state highway right of way and plan information. Through the viewer, users can view georeferenced project plans, right of way boundaries, parcels and other features through their browsers, greatly increasing the ability to access this data for a specific location.



The VTrans State Rail Program leverages GIS for asset management, rail crossing inventory, bridge inventory and inspection, property management, and the project development. Data layers are being developed to improve internal work flows and provide information on rail assets and condition to Rail staff and the public via the web maps at <http://rail.vermont.gov/>.

VTrans continues to support the statewide LiDAR acquisition and parcel mapping efforts by providing resources to both of these initiatives. This includes the

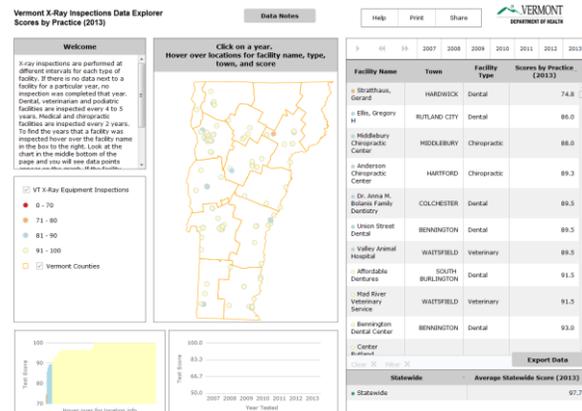
delivery of a Return on Investment Study and Data Maintenance Plan for the statewide parcel mapping, which were developed by a contractor for VTrans.

The VTrans Mapping Section maintains the road centerline data layer and linear reference system, used as primary data layers by VTrans GIS, but also made accessible through VCGI. Mapping continues to work collaboratively with E911, with both organization adopting the same data schema, and VTrans has conflated 45% of the E911 data to the road centerline geometry.

The transportation data for Vermont continues to be in good condition and is expanding. VTrans has maintained and improved an accurate, robust, and up-to-date repository of data. This data is becoming essential for standard business functions and relied upon by many Sections throughout the Agency. VTrans continues to collaborate with State Agencies in the development and sharing of GIS data and has deployed a portion of this content via the VTrans Open Data Portal.

## Department of Health

The Vermont Department of Health (VDH) uses GIS technology for a variety of public health purposes, including public health surveillance, public health planning, health data reporting, and emergency preparedness. Currently, VDH has approximately 25 staff using GIS technology at levels ranging from basic map-making to sophisticated geographic analysis to web application development. VDH GIS activities are coordinated by a department GIS Manager who works closely with a half-dozen department staff who are advanced desktop GIS software users and with appropriate IT staff, including the Systems Developer who administers the department’s web GIS infrastructure and two Database Administrators (DBAs) who administer the department’s SQL-Server GIS databases.



Day to day public health GIS work typically involves developing /maintaining GIS data and using that data to support public health programs by performing spatial analyses or creating map products. Map products are deployed as stand-alone maps, as maps embedded into reports, or as maps deployed to the web (internally or publicly).

The VDH GIS landing page ([www.healthvermont.gov/GIS](http://www.healthvermont.gov/GIS)) briefly describes public health GIS activities at VDH and identifies department programs that make active use of GIS technology.

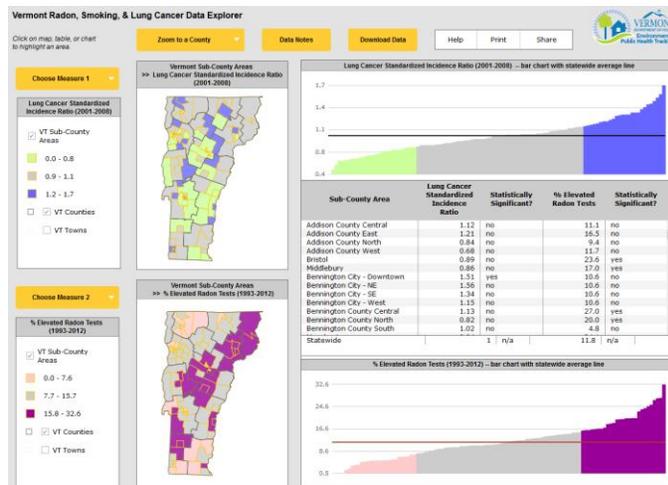
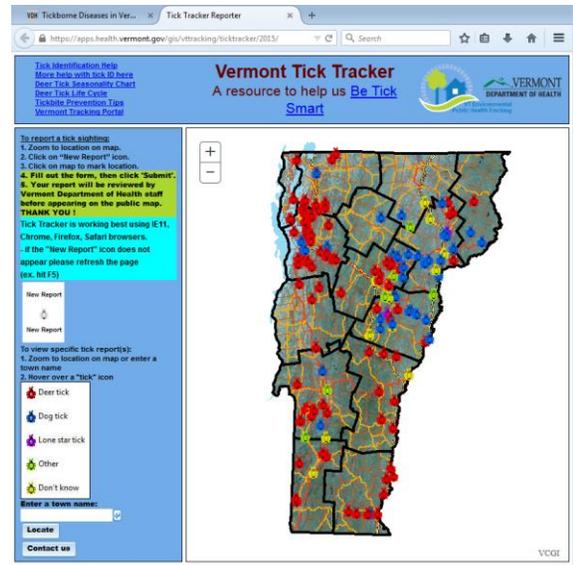
Several new public health GIS resources were updated or added to the public-facing VDH healthvermont.gov website during 2015, including:

A new X-Ray Injections Data Explorer ([http://healthvermont.gov/enviro/rad/rad\\_health.aspx](http://healthvermont.gov/enviro/rad/rad_health.aspx)), launched in early 2015, displays score-card results for statewide dental, medical, chiropractic, podiatric, and veterinary practices.

An updated Blue-Green Algae Tracker, improved from 2014, reports blue-green algae weekly testing results for Lake Champlain and 5 inland lakes that are collected by the Department of Environmental Conservation, VDH, and the Lake Champlain Committee:

<https://webmail.vdh.state.vt.us/vtracking/bluegreenalgae>. Companion applications allow trained citizen scientists to submit weekly water condition reports that are then moderated by staff from the

Lake Champlain Committee, the VT Department of Environmental Conservation, and the VT Department of Health. The 2012, 2013, and 2014 testing results will remain accessible as archived season summaries. The Blue-Green Algae Tracker may be expanded in the future to include other frequently visited lakes and ponds across the state.



The Tick Tracker interactive web map ([www.healthvermont.gov/ticktracker](http://www.healthvermont.gov/ticktracker)) allows website visitors to report observed tick conditions and to see the reports submitted by others. The web map also provides links to important educational information that can help people “Be Tick Smart”.

The Vermont Environmental Public Health Tracking (EPHT) portal, featuring map-driven dashboard data reports, continues to grow. Over 200 data measures can be accessed using an interactive query tool

that serves the dashboard-styled reports. Search for Vermont Tracking data reports by browsing to <http://www.healthvermont.gov/Tracking>. One recent “Vermont Highlights” report is the Radon, Smoking, Lung Cancer Data Explorer.

The Healthy Vermonters 2020 webpage ([www.healthvermont.gov/hv2020](http://www.healthvermont.gov/hv2020)) also continues to expand the availability of map-driven dashboard data reports. People can visit the HV2020 webpage to see maps and trend data for many health indicators that have been identified as public health priorities and are accompanied by targets that will guide the work of public health in Vermont through 2020.

In addition to public health GIS resources that are available to the public, VDH maintains a variety of internal-use-only (restricted) GIS web resources for VDH and other Vermont State Staff. These include web base-maps that support emergency preparedness/response work and local/rural health work.

Public health GIS activities span many different areas of expertise. Looking to the future, public health GIS activities at VDH will involve an increasing number of web applications, both PC and mobile-device based, that display maps and location-specific data.

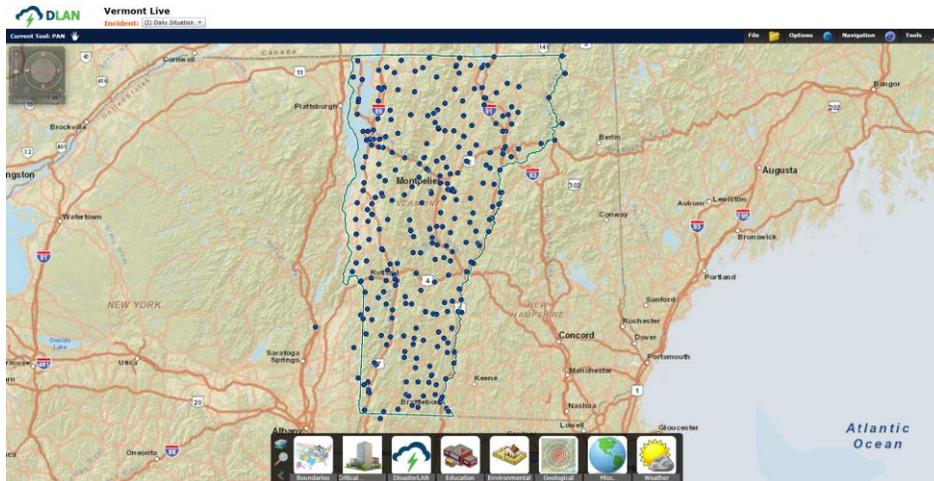
As part of a 2015 department-wide effort to document public health data analysis and presentation best practices, a work group of VDH GIS users is currently developing guidelines for performing small-area cluster analysis. These guidelines will be presented at the November 2015 NEARC conference in Burlington, VT.

## **Division of Emergency Management and Homeland Security**

The Division of Emergency Management and Homeland Security (DEMHS) uses GIS for numerous emergency management purposes including, situational awareness for the State Emergency Operations Center (SEOC), hazard mitigation planning and project mapping, dam inundation mapping, plume tracking related to radiological emergencies, and critical infrastructure identification and planning. Currently, DEMHS, through partnerships with all 11 of the regional planning commissions in the state, has a GIS staff of 14 should the SEOC activate for an exercise or real world event. This staff comprises the GIS Unit and reports to the Planning Section in the SEOC.

On a day-to-day basis DEMHS utilizes DisasterLAN (DLAN), a web-based incident management system that has an integrated GIS COP Viewer. The DLAN GIS COP Viewer allows DEMHS to fuse together geospatial information from any external or internal source onto one common display. Some of these sources include feeds and/or data layers from the U.S. Geological Survey (USGS), National Weather Service (NWS), National Oceanic and Atmospheric Administration (NOAA), VTRANS 511, E911, U.S. Census Bureau, and the Federal Emergency Management Agency (FEMA) to name a few. DLAN supports SHP, KML, GeoRSS, WDT, CSV, and other flat file formats. All information within the DLAN GIS COP Viewer can be shared with any other DLAN user, exported, and printed.

The figure below is a 2015 example of the DLAN COP Viewer. It shows all local emergency services departments in the state.



## VT Center for Geographic Information

The Vermont Center for Geographic Information (VCGI) underwent some significant changes in FY'2015. VCGI was reformulated as a Division of the Agency of Commerce and Community Development (ACCD) as defined in H.885 Sec. E. 800.1 10 V.S.A. § 122. VCGI Inc's employees and office were transferred into state government in March of 2015; relocated to National Life in Montpelier. VCGI has continued to focus on its core mission of providing access to geospatial data, web services, information, training, and technical support to the citizens, businesses, nonprofits, and public agencies of Vermont.

### *VCGI Participation in the National and Regional GIS Community*

Steve Sharp, Director of GIS Services at VCGI, served as the Immediate Past President of the New England Chapter of the Urban & Regional Information Systems Association (NEURISA) in 2014. URISA is an association of professionals using Geographic Information Systems (GIS) and other information technologies to solve challenges in state/provincial, regional and local government agencies and departments. Mr. Sharp also became Vermont's Representative to the National State Geographic Information Council (NSGIC). NSGIC's mission is to promote statewide geospatial coordination activities in all states and to be an effective advocate for states in national geospatial policy and initiatives, thereby enabling the National Spatial Data Infrastructure (NSDI).

### *VCGI - VT LiDAR Initiative*

In pursuit of its goal for statewide high resolution elevation data coverage, the "Vermont LiDAR Initiative" (VTLI), in coordination with federal agencies, helped secure funding for an additional 662 square miles of Quality Level 2 (QL2) data in 2015. Combined with the 2,534 square miles of Quality Level 2 (QL2) data in 2014 and 1,600 square



miles of QL2 data secured in 2013 this leaves only 23% (2,200 sq. mi.) of the state outstanding with an additional 7% (Essex County - 675 sq. mi.) of the state in need of updating.

### ***VCGI - Vermont Sustainable Jobs Fund – Renewable Energy Atlas***

Employing high accuracy Digital Surface Model (DSM) data derived from LiDAR enables the modeling of solar potential on all surfaces while accounting for shading, slopes, average climatic conditions and both time of day and year. VCGI developed and tested a suite of geoprocessing tools to calculate solar LiDAR potential for all areas of Vermont. The next steps is to apply this tool to all areas with available LIDAR data.

Vermont Sustainable Jobs Fund (VSJF) will integrate these results with the “Community Energy Dashboard” effort sponsored by the Energy Action Network, an organization based in Montpelier, VT. The publicly available data will allow any business or individual to explore solar potential and to compare actual solar array production numbers with the estimated values.

### ***VCGI Assisting with GIS Data and Web Map Services***

VCGI posted many new and updated data layers to Vermont’s Open GeoData Portal during 2015; many of these data layers were provided by partner organizations. We thank our partners for their contributions. A few highlights include

- VCGI – VT Orthophotos – 2014 data and cached imagery services.
- VTrans – Updated transportation datasets including road centerlines, bridge, and culvert data.
- VEC – Location of all electric distributions lines.
- GMP – Location of all power poles.
- E911 – Updated E911 data including statewide address points.
- EDU – Updated school union and district boundary data.
- VCGI – Updated statewide parcel data (where available).
- VCGI – 2ft contours for all areas with available LIDAR.

### ***VCGI Assisting Other Agencies***

#### ***Vermont Agency of Agriculture, Food, and Markets (VAAFM)***

VCGI and the Vermont Agency of Agriculture, Food, and Markets (VAAFM) have continued a service level agreement by which VCGI hosts enterprise GIS databases and web services for VAAFM as needed. VCGI hosts enterprise GIS databases for VAAFM, providing infrastructure for VAAFM’s advancement of GIS capabilities. VCGI staff look forward to supporting the continuation of maturation of a robust GIS implementation at VAAFM.

#### ***Vermont Division of Emergency Management and Homeland Security (DEMHS)***

VCGI continued to have a critical role in the use of GIS technology within the Vermont Division of Emergency Management and Homeland Security (DEMHS). In FY2015 DEMHS relied on VCGI for provisioning of GIS support in multiple forms, including leadership, training, data development, application development, and staffing the Planning Section GIS Unit during SEOC (state emergency operations center) exercises and

activations. With VCGI's support, utilization of GIS capabilities continued to increase at DEMHS in FY2015.

### ***VCGI Outreach and Education***

#### ***VCGI Webinars***

VCGI offered 10 webinars during FY2015. Around 250 people participated in webinars during the fall and winter. Presenters include VCGI staff, private sector consultants, academic faculty, and state employees. Participants include people from both the public and private sectors. VCGI has also begun providing the summer Intro to GIS training that we offer as a series of webinars (in addition to the live training). The webinars are free to attend and are recorded and posted at our web site.

**VCGI partnered with VT Technical College to offer our own Introduction to GIS/GPS training:** VCGI partnered with VT Technical College to offer our own Introduction to GIS/GPS training: The trainings were offered at the VTC campuses in Williston and Randolph. 20 people participated in these 2-day trainings to learn how to use free GIS software and a handheld GPS unit.

#### **Events and Activities VCGI Organized in FY2015**

In addition to training and online outreach, VCGI's Outreach Coordinator organizes and participates in events and activities around the state with a variety of different interest groups:

- July - VT Geographic Alliance Institute Presentation (educators)
- September – VT Society of Land Surveyors Annual Conference
- October – VT Tech Jam and VT League of Cities and Towns Town Fair Conference
- December – VT Alliance for the Social Studies Annual Conference (educators)
- January – Legislative Display in the Card Room on GIS/Mapping in VT
- March – Presentation to HS students about GIS in State Gov't
- April – Town Officer Education Conferences
- June– VCGI Geospatial Forum for GIS Professionals, various GIS topics, 70 participants

### **Conclusion**

In FY2015 state agencies and departments leveraged their investments in geospatial technology to support a wide range of business needs. The State's Enterprise GIS Consortium (EGC) continued to make significant strides toward advancing the "efficient use of the state's Geographic Information Technology resources". The EGC has furthered this goal by improving and simplifying access to geospatial data and services, and by providing a venue where agencies can coordinate efforts. The EGC anticipates that FY'2016 will be another productive year, with opportunities to rethink the future of Vermont's Geographic Information System.

### Attachment A – EGC Member Directory

<b>VT Agency of Agriculture, Food, and Markets</b>	Joanna Grossman	116 State St. Montpelier, VT 05620	joanna.grossman@vermont.gov	
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<b>VT Agency of Human Services</b>	Pete Young	108 Cherry Street Suite 304 Burlington, Vermont 05401	peter.young@vermont.gov	802-652-2062
<b>VT Agency of Natural Resources</b>	Peter Telep	1 National Life Dr., Davis Building, 6th Floor Montpelier, VT 05620-0501	peter.telep@vermont.gov	802-241-3406
<b>VT Agency of Transportation</b>	Rick Scott	1 National Life Dr., Davis Building, 6th Floor Montpelier, VT 05620-0501	rick.scott@vermont.gov	802-828-3969
<b>VT Association of Planning &amp; Development Agencies</b>	VAPDA Representative - Dan Currier	29 Main St. Suite 4 Montpelier, VT 05602	currier@cvregion.com	802-229-0389
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