



Alabama Geographic Information Executive Council

Spencer Collier

Chairman

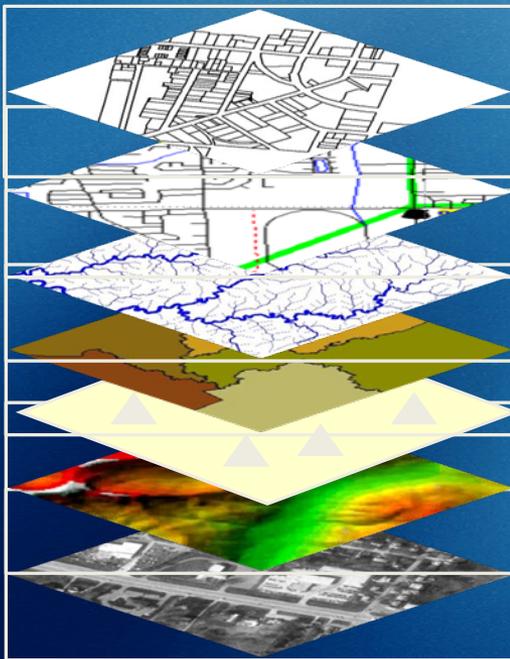
December 5, 2012

Agenda

- Welcome
- Introduction of Members and Guests
- Approval of June 19, 2012 Minutes
- GIS Advisory Committee/Subcommittees Update
- Statewide GIS Goals
- GIS Program Office Update
- NSGIC Meeting Update
- Other Business
- Next Meeting
- Adjourn

Imagery/LiDAR Subcommittee

- The Aerial Imagery Business Plan has been completed (Posted on the website gis.alabama.gov)



Land Ownership

Transportation

Surface Waters

Boundaries

Geodetic Control

Elevation

Aerial Imagery

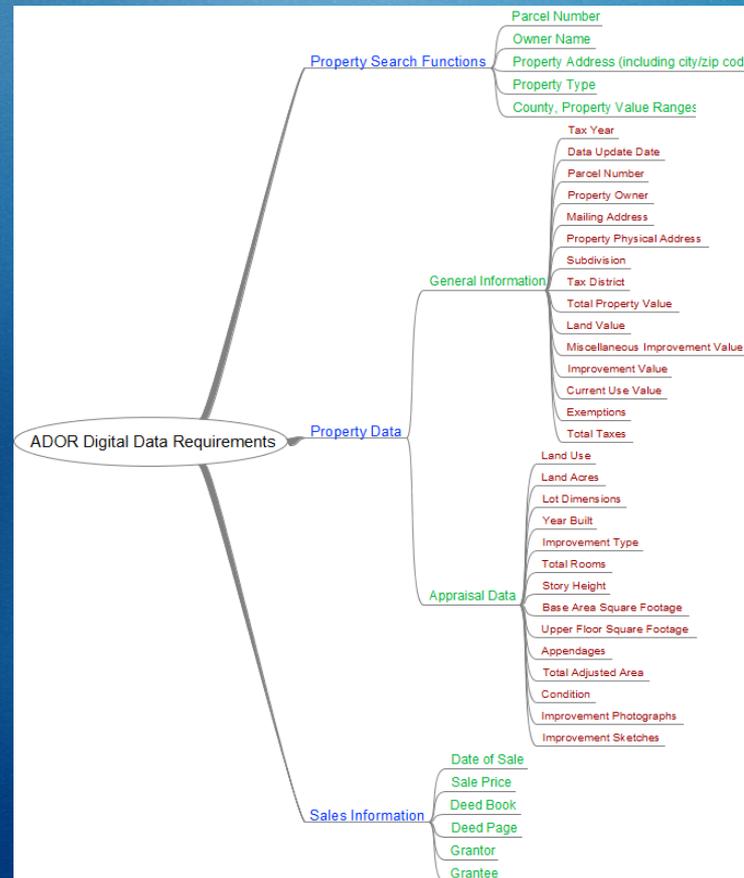


Imagery/LiDAR Subcommittee

- Objectives from Business Plan
 1. Distribute USGS photography and LiDAR specifications for review to stakeholders
 2. Modify existing ADOR Mapping Guidelines and Specifications to reflect the updated specifications
 3. Outreach to Federal, State, and Local Governments to communicate the Business Plan ... determine possible funding sources for future partnerships
 4. Establish policies and strategies which emphasize cooperation and coordination at all levels of government and other stakeholders in order to maximize the cost efficiency
 5. Develop acquisition plans for Imagery and LIDAR for the 2012-2013 flying season
 6. Identify and develop funding sources for project implementation and long-term maintenance

Data Subcommittee

- Concentrating activities on the goals of the GIS Executive Council
 - Working to develop standards from authoritative sources
 - Reviewing standards from Alabama Department of Revenue for Parcel Data Inventory



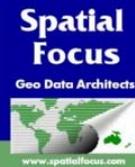
Data Subcommittee

- Addressing standards webinar with the nationally recognized NENA and FGDC expert Martha Wells
 - This is vital for geocoding and road centerlines

Developing Tools for Good Addressing

Presented to
State of Alabama Geospatial Information
Council

by
Martha McCart Wells, GISP
October 22, 2012



Data Subcommittee

- Metadata questionnaire from the subcommittee is currently under review

Metadata Questionnaire

1. Does your agency produce geospatial data that are shared with the public?
 2. Is metadata written to accompany this data?
3. Does your agency produce geospatial data that are shared with other state agencies, but not meant for public release?
 4. Is metadata written to accompany this data?
5. For metadata written, is FGDC format used, or another format?(note, this refers to the format/layout of the metadata itself, not theme-words and not file type such as .xml/.txt)
 6. Are you yourself proficient in writing metadata?
7. For geospatial data your agency shares with the public, what five metadata fields are most important to include? (ex: Time_Period_of_Content, Abstract, Publication_Date, Keywords, Use_Constraints, Point_of_Contact, Process_Description, Spatial_Reference_Information, Entity_and_Attribute_Information, Distribution_Liability, etc.)
8. For geospatial data your agency shares with other agencies (but not public), what five metadata fields are most important to include?

Education & Outreach Subcommittee

- Alabama County Government Institute's 42nd Annual Meeting (June 14-15)
- Alabama Association of Assessing Officials 31st Annual Summer Conference (August 13-17)



AUBURN UNIVERSITY Center for Governmental Services
A Division of Auburn University Outreach

WELCOME ABOUT US STAFF CONTACTS

PROGRAMS

HUMAN RESOURCES CONSULTING

APPLIED RESEARCH

SURVEY RESEARCH

TRAINING & PROFESSIONAL DEVELOPMENT

TAX & FINANCE

All Home > Center for Governmental Services > Current Page

42nd Annual Alabama County Government Institute

Racing for Revenue: Providing New Resources for Local Government
June 14-15, 2012

OVERVIEW
The Institute is hosted by the Center for Governmental Services at Auburn University and will be held at the Hotel at Auburn University and Dixon Conference Center on June 14-15, 2012 in Auburn, Alabama. This year's event brings together Alabama county commissioners, tax collectors, revenue commissioners, and other county officials to discuss the current state of the revenue environment, and effectively build for the future. The event will conclude by 12:00.

Alabama Association of Assessing Officials

Friday, November 30, 2012

Home
About Us
Officers
Information
Member Directory
Photo Album
Employment Opps
Education Opps
Links
FAQ
AAAO Partners

Welcome to the AAAO Website

The Alabama Association of Assessing Officials, AAAO, is a professional association that is striving to promote equalization through the promotion of a professional educational program.

Click [Here](#) to view our Facebook page. Also available in the [Links](#) section.

AUBURN
CENTER FOR GOVERNMENTAL SERVICES

42nd Annual
ALABAMA COUNTY GOVERNMENT INSTITUTE

Racing for Revenue -
Providing New Resources
for Local Government

June 14-15, 2012

TRAINING & PROFESSIONAL DEVELOPMENT

WWW.AUBURN.EDU/CGS

Education & Outreach Subcommittee

- 2012 Alabama Water Resources Conference (September 5-7)
- University of North Alabama Geography Alumni Conference (September 27 & 28)

American Water Resources Association
Alabama Section

Tentative Agenda 2012 Symposium

Alabama's Water Balance

Alabama's Water Crisis
Dr. Heather Elliot, University of Alabama

Instream Flow/Wildlife
Dr. Pat O'Neill, Alabama Geographic Society, U.S. Nat. Res.

Farmer's Perspective
Jimmy Carlisle

Hydrology
Charley

Policy
Dr. Bennett

Directions

University of North Alabama
Geography Alumni

University of NORTH ALABAMA
1830

Home Page 2012 Conference Alumni Sign Up Bylaws Links

2012 UNA Geography Alumni Conference

September 27th & 28th, 2012

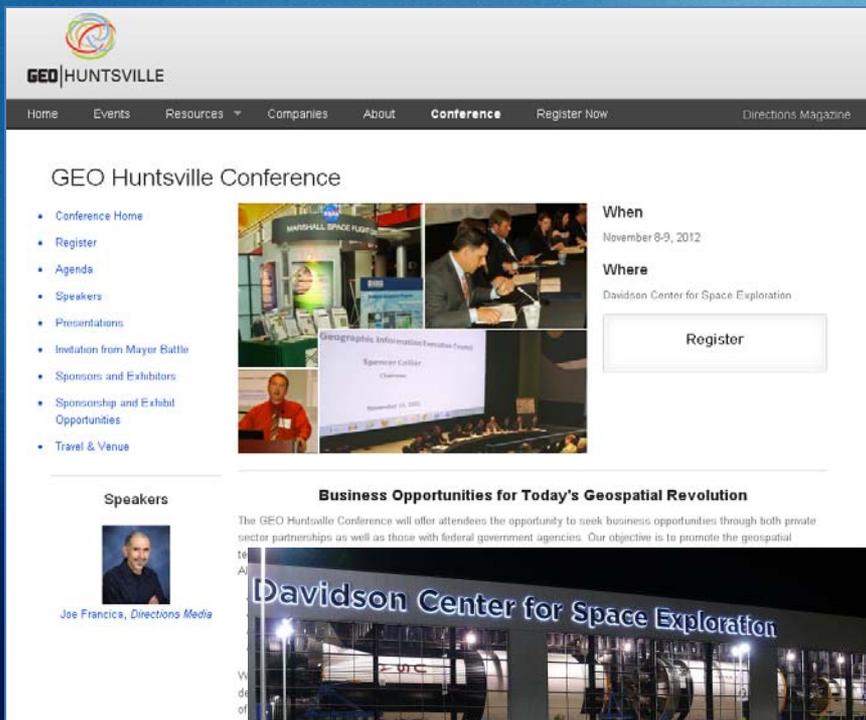
Registration is open NOW!!

[Register online for the 2012 Conference here](#)

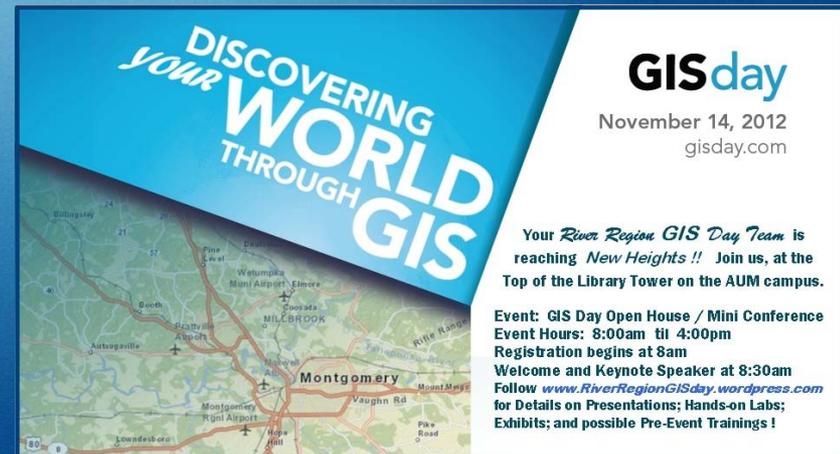
Thank-you to our sponsors, exhibitors, contributors and guests for supporting the UNA Geography Alumni Association

Education & Outreach Subcommittee

- GEO Huntsville Conference (formerly The Rocket City Geospatial Conference) (November 8 & 9)
- River Region GIS Day (November 13 & 14)



The screenshot shows the website for the GEO Huntsville Conference. The header includes the GEO Huntsville logo and navigation links: Home, Events, Resources, Companies, About, Conference, Register Now, and Directions Magazine. The main content area is titled "GEO Huntsville Conference" and features a sidebar with a list of links: Conference Home, Register, Agenda, Speakers, Presentations, Invitation from Mayor Battle, Sponsors and Exhibitors, Sponsorship and Exhibit Opportunities, and Travel & Venue. The main content area includes a "When" section (November 8-9, 2012), a "Where" section (Davidson Center for Space Exploration), and a "Register" button. Below this, there is a "Speakers" section featuring a photo of Joe Francis, Director of Media. The bottom section is titled "Business Opportunities for Today's Geospatial Revolution" and includes a paragraph about the conference's goal to promote geospatial sector partnerships.



A promotional banner for GIS Day. The top part is blue with the text "DISCOVERING YOUR WORLD THROUGH GIS" in white. Below this is a map of the Montgomery area. On the right side, the text reads "GISday November 14, 2012 gisday.com". Below the map, there is a paragraph: "Your River Region GIS Day Team is reaching New Heights!! Join us, at the Top of the Library Tower on the AUM campus." At the bottom, it says "Event: GIS Day Open House / Mini Conference Event Hours: 8:00am til 4:00pm Registration begins at 8am Welcome and Keynote Speaker at 8:30am Follow www.RiverRegionGISday.wordpress.com for Details on Presentations; Hands-on Labs; Exhibits; and possible Pre-Event Trainings!"

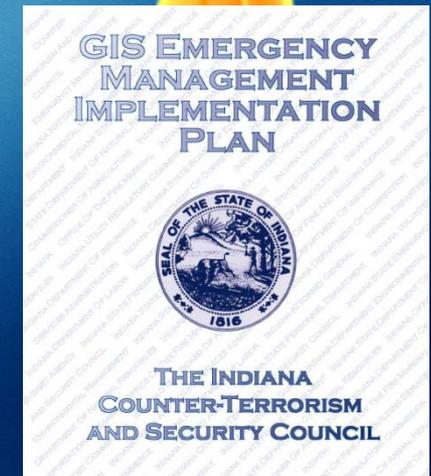
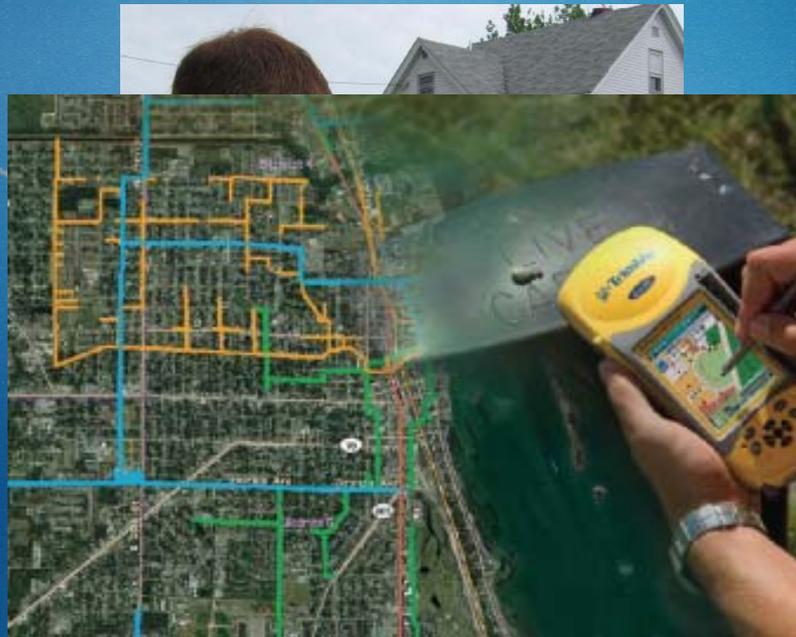
Education & Outreach Subcommittee

- Developing educational/informational brochures for outreach and display
- New opportunities for GIS education are currently under development



Communications Subcommittee

- Geospatial Preparedness Corps/GIS Response Team (GPC/GISRT)



Communications Subcommittee

- Geospatial Preparedness Corps/GIS Response Team (GPC/GISRT)

Statewide network of response individuals and organizations

Vision:

- Identify critical capabilities and vulnerabilities
- Enhancing accessibility
- Delineate all hazards, response, and assessment considerations
- Create a network for professional exchange and access to technical expertise
- Encourage interactions and collaborative initiatives
- Promote the standardization of methods
- Identify methods to engage new partnerships and new energy in the area of deployable GIS response resources

Executive Council Statewide GIS Goals

- Inventory GIS data, applications, & services
- Leverage pooled resources
- Avoid unnecessary cost & duplication of effort
- Improve decision-support for statewide issues
- Establish statewide data standards to improve coordination

Executive Council Statewide GIS

Coordinated Framework Data Layers

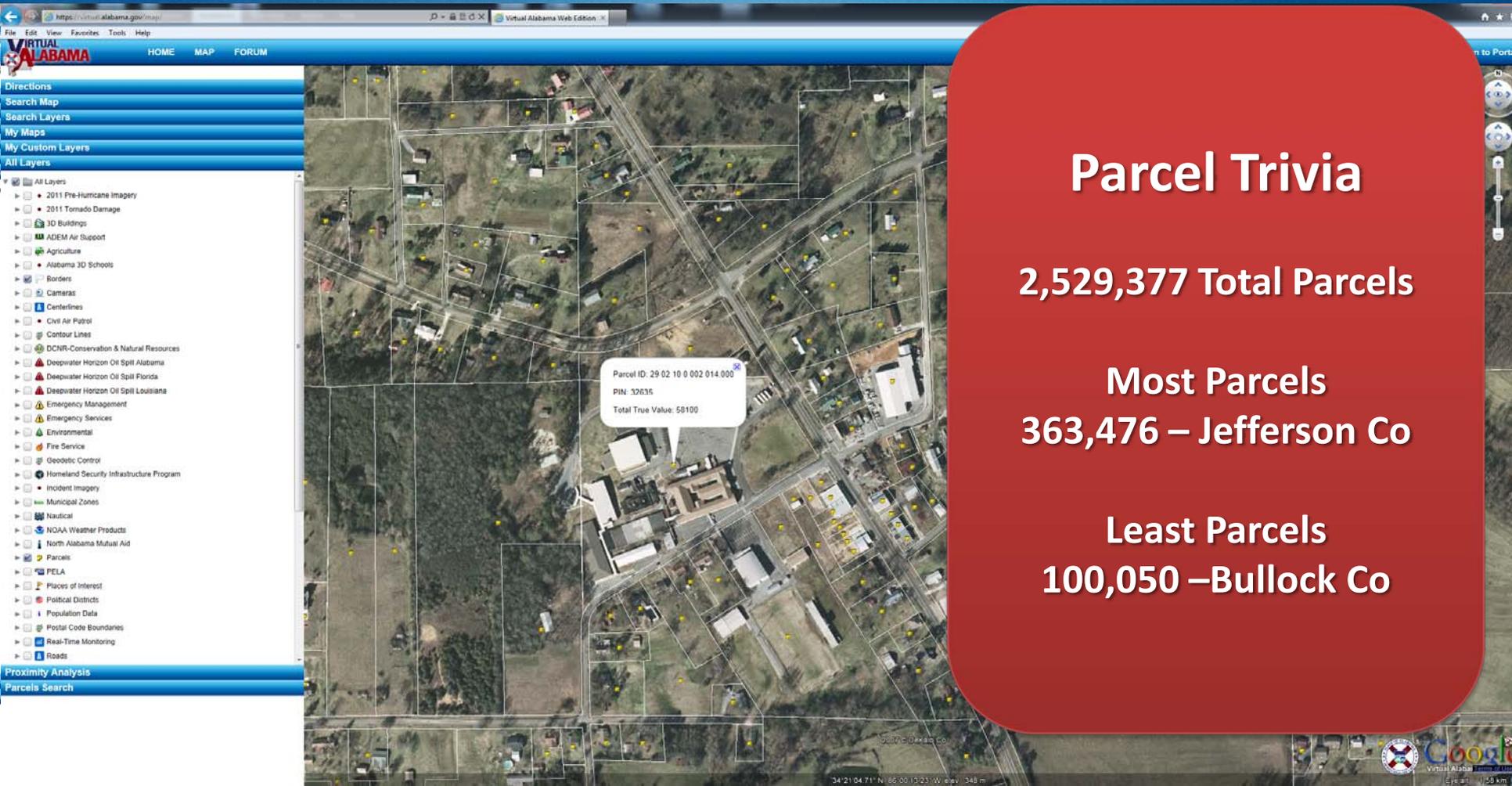
- For 2012
 - Aerial Imagery
 - Parcel Data
 - Road Centerlines
 - Geocoded Addresses

GIS Program Office Update



Parcels

47 Counties Contribute Parcel Data



Parcel Trivia

2,529,377 Total Parcels

Most Parcels
363,476 – Jefferson Co

Least Parcels
100,050 – Bullock Co

Road Centerlines

- Virtual Alabama currently has NAVTEQ road centerlines
- ALDOT will be delivering statewide coverage of road centerlines
 - State routes (includes Interstates and US routes)
 - County routes



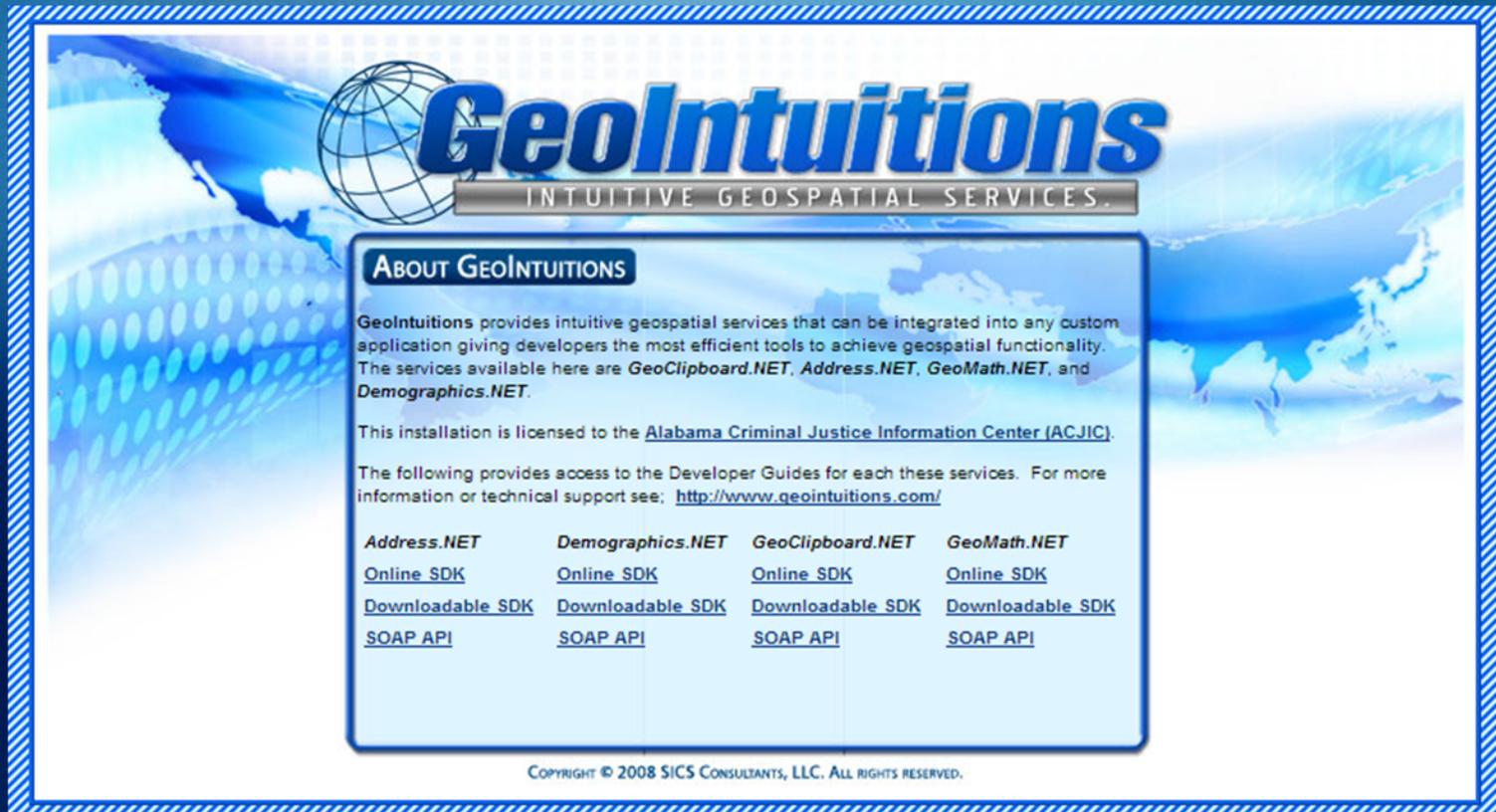
Geocoded Addresses

- Virtual Alabama has a geocoder for addresses which is called GEOIntuitions
 - 1.29 million Alabama addresses identified
 - Address normalization
 - US Postal Service Database
 - Tiered geocoding architecture



Geocoded Addresses

- In production with the ULTRA Incident and Offense Database and the Sex Offender Database



GeoIntuitions
INTUITIVE GEOSPATIAL SERVICES.

ABOUT GEOINTUITIONS

GeoIntuitions provides intuitive geospatial services that can be integrated into any custom application giving developers the most efficient tools to achieve geospatial functionality. The services available here are *GeoClipboard.NET*, *Address.NET*, *GeoMath.NET*, and *Demographics.NET*.

This installation is licensed to the [Alabama Criminal Justice Information Center \(ACJIC\)](#).

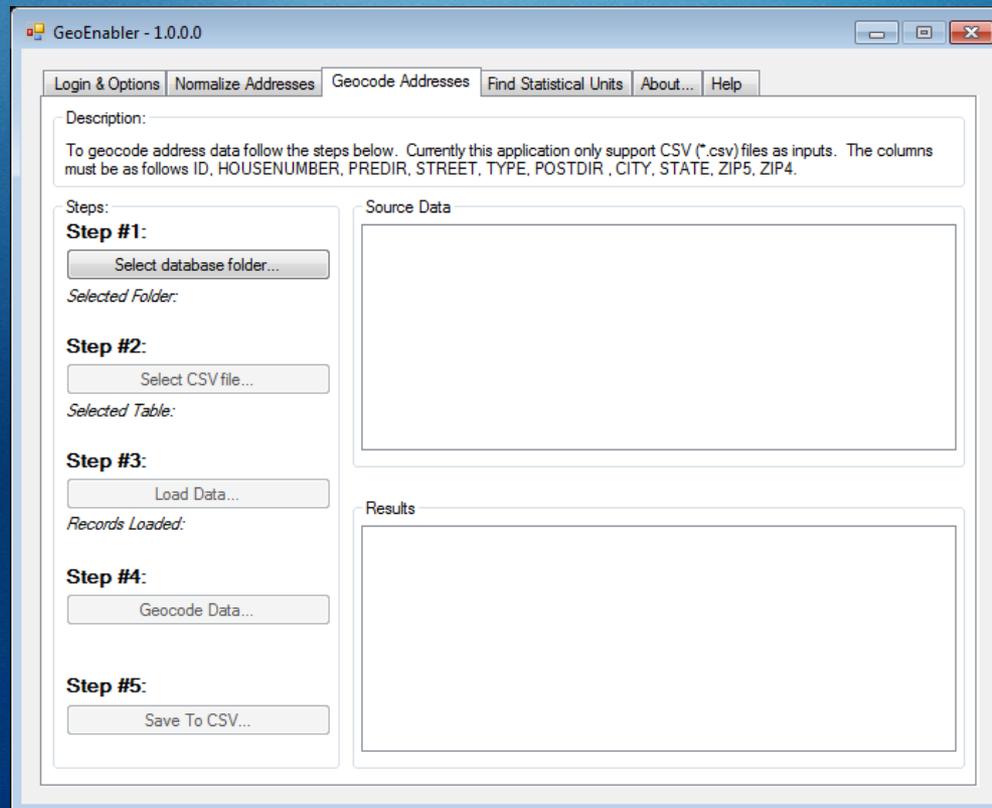
The following provides access to the Developer Guides for each these services. For more information or technical support see: <http://www.geointuitions.com/>

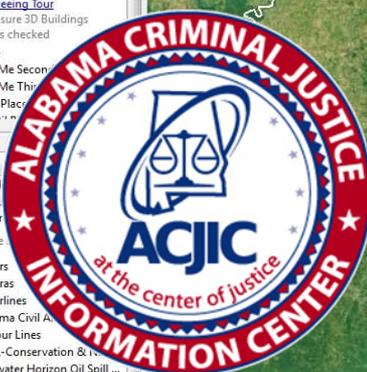
<i>Address.NET</i>	<i>Demographics.NET</i>	<i>GeoClipboard.NET</i>	<i>GeoMath.NET</i>
Online SDK	Online SDK	Online SDK	Online SDK
Downloadable SDK	Downloadable SDK	Downloadable SDK	Downloadable SDK
SOAP API	SOAP API	SOAP API	SOAP API

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Geocoded Addresses

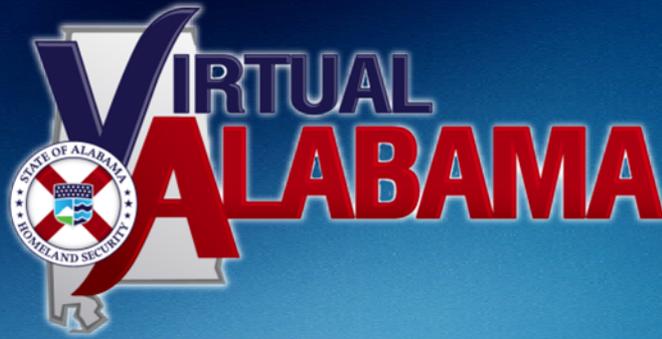
- GeoEnabler is under development to provide geocoding to Virtual Alabama users





VIRTUAL ALABAMA





32,160

Total Users

150

Average Users Daily

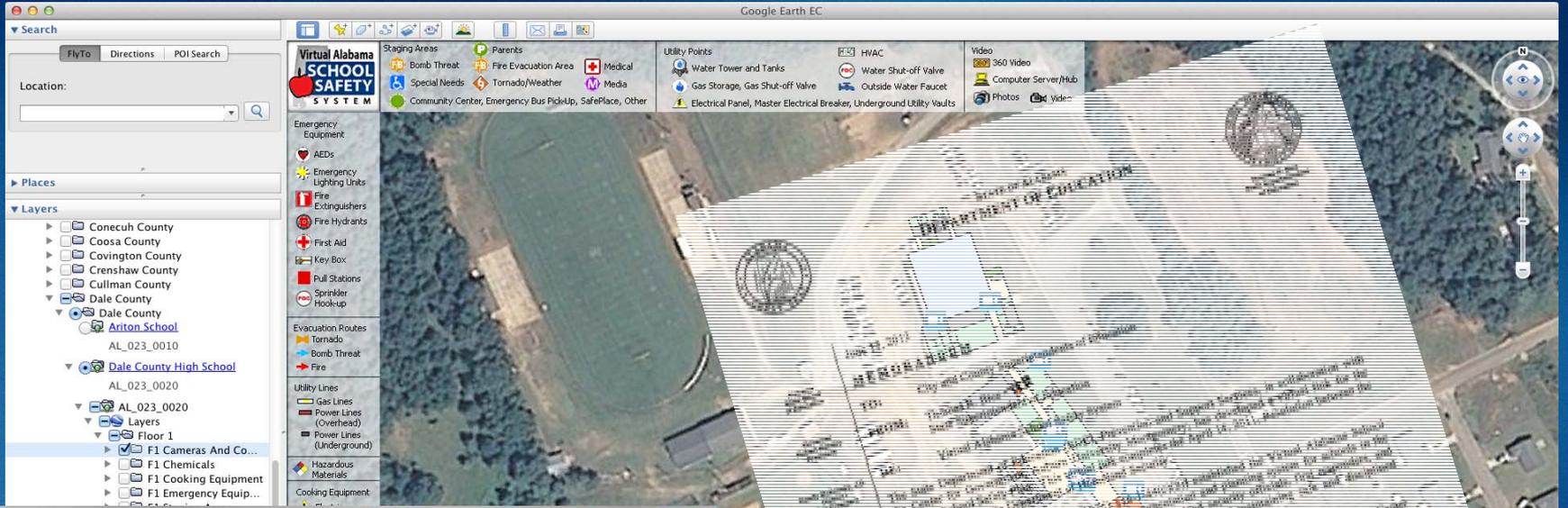
1,500

Government Agencies

>11,000,000

Average Monthly Hits

Virtual Alabama School Safety System





Virtual Alabama

SCHOOL SAFETY SYSTEM (VAS³)





User Name:

Password:

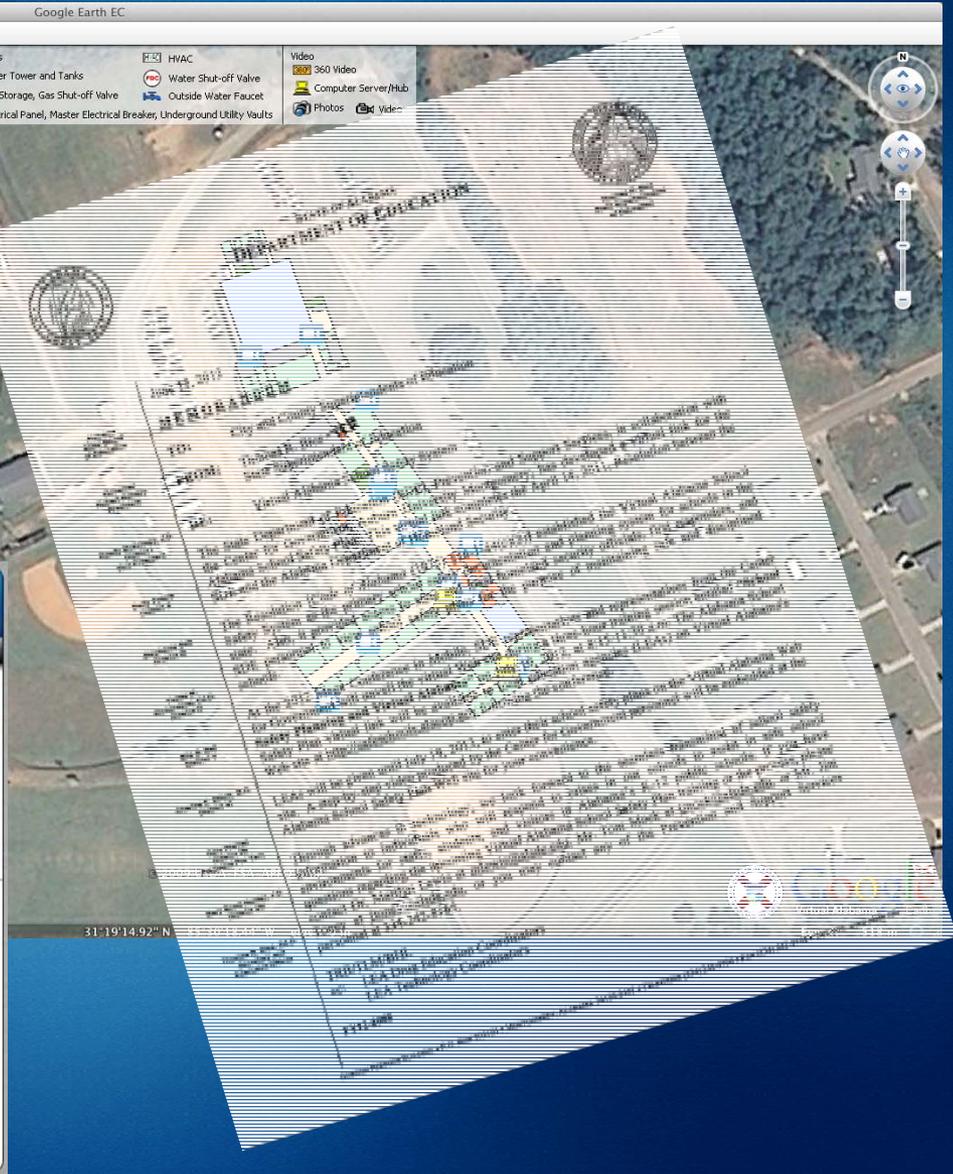
Log In



The Virtual Alabama School Safety System (VAS³) was funded by the State Homeland Security Grant Program and was developed as a collaborative initiative between the Alabama Department of Homeland Security, the State Department of Education, the Alabama Criminal Justice Information Center, and the Auburn University Montgomery Center for Government. Additional information regarding this system may be obtained at the Alabama Department of Homeland Security home page (<http://www.homelandsecurity.alabama.gov>)



1. Obtain a Virtual Alabama Account.
2. Contact local school officials for school's username and password.
3. Login to Virtual Alabama and click on School Layers.



Approximately 1200 Schools Entered

The screenshot displays the Google Earth EC interface with the Virtual Alabama School Safety System (VAS²) overlay. The interface includes a search bar, a layers panel on the left, and a central map view. A red text box is overlaid on the map, reading "Dale County High School". A pop-up window titled "Panel P2" is open, showing a photograph of electrical control panels. The pop-up window contains the following text:

Panel P2

Virtual Alabama
SCHOOL SAFE SYSTEM (VAS²)

Notes:

Picture:



Directions: [To here](#) - [From here](#)

The interface also shows a list of schools in the layers panel, including Dale County High School (AL_023_0010), G.W. Long Elementary School (AL_023_0030), G.W. Long High School (AL_023_0040), Midland City Elementary School (AL_023_0050), Newton Elementary School (AL_023_0060), and South Dale Middle School (AL_023_0080). The map view shows a school campus with various buildings and parking lots. The bottom of the interface displays the coordinates 31°19'14.78" N, 85°30'17.70" W, elev. 0 m, and the Google Earth logo.

Virtual Alabama School Safety System

Google Earth EC

File Edit View Tools Add Help

Search

FlyTo Directions POI Search

Location:

Places

- My Places
- Parcels Search
- Layers
- Temporary Places
- Sex Offender Search
- Search Results
- Search Point
- STUART HOLLAND TURNER (692 ft)
- Radius

Layers

- Political Districts
- Population Data
- Postal Code Boundaries
- Real-Time Monitoring
- Roads
- School Safety System - VAS^3
- Sex Offenders
- Street View
- Traffic

STUART HOLLAND TURNER (692 ft)

Alabama Criminal Justice Information Center (ACJIC)

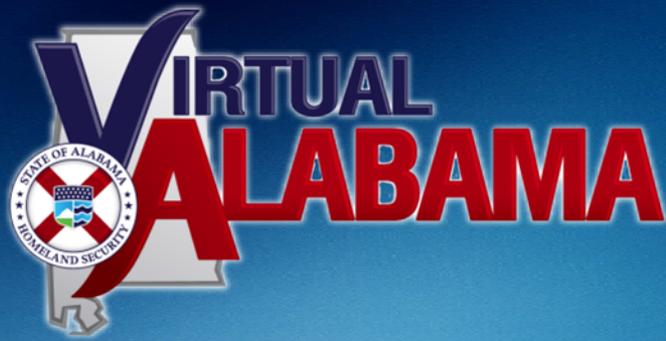
First Name: STUART
Middle Name: HOLLAND
Last Name: TURNER
Weight: 180
Gender: Male
Race: White
Eye Color: Green
Hair Color: Brown
Address: 2313 BILLIE WATKINS STREET
City: HUNTSVILLE
Zip Code: 35801

Directions: [To here](#) - [From here](#)

©2011 Alabama Criminal Justice Information Center
<http://www.acjic.alabama.gov> • 201 South Union Street • Suite 300 • Montgomery, Alabama USA 36130
334.242.4900 • 866.406.8022

lat: 34.714629 lon: -86.584200 elev: 621 ft

Eye alt: 6958 ft



- Emergency Management Magazine Webinar
- Webinar for the Governor's Office of the State of New York

The screenshot shows a web browser window displaying the Emergency Management Magazine website. The page features a navigation menu with links for HOME, EVENTS, SUBSCRIBE, GRANTS, BLOGS, JOBS, DEGREES, PAPERS, VIDEO, ADVERTISE, and EM NAVIGATOR. Below the navigation is a search bar and a section titled "Emergency Management Webinars". The main content area highlights a webinar titled "How Google Earth Leveled the Playing Field" held on November 13, 2012. The text describes how the Virtual Alabama program provides a common operating picture for emergency management and homeland security leaders. A list of discussion topics includes the program's role in protecting lives, its user base, technology gaps, data integration, and the use of Google Earth as a secure platform.

Emergency Management Magazine

HOME | EVENTS | SUBSCRIBE | GRANTS | BLOGS | JOBS | DEGREES | PAPERS | VIDEO | ADVERTISE | EM NAVIGATOR

NEWS: PREPAREDNESS & RECOVERY | TRAINING | HOMELAND SECURITY | PUBLIC HEALTH

Emergency Management Webinars

Search: GO

EMERGENCY WEBINARS
Web-based insight for emergency management and homeland security leaders.

How Google Earth Leveled the Playing Field
November 13, 2012 |

About This Event

Sharing homeland security information within state government, even between departments, can be tricky due to the information's sensitive and proprietary nature. Agencies fear that sensitive data, such as the locations of critical infrastructure, will leak. In the state of Alabama, the need to share this data was vital to the safety of its citizens. *Virtual Alabama* was created in 2005, and uses a 3D globe interface to retrieve images from a merged global imagery dataset.

Join *Emergency Management*, *Virtual Alabama*, and Google for an interactive webinar to learn more about how *Virtual Alabama* was able to ensure "the right people had the right information at the right time".

At this live webinar, we will discuss:

- How *Virtual Alabama* was able to provide a common operating picture needed by first responders to protect lives and safeguard citizens before, during and after a disaster.
- How the program serves a wide user base of state and local officials at various levels of technological proficiency.
- The way the program reduces technology gaps in economically challenged areas and levels the information "playing field" throughout the state.
- How the program provides the ability to integrate and distribute proprietary data securely across the internet in real time
- How Google Earth provides a secure platform that enables *Virtual Alabama*.

About This Event

GET INVITATIONS TO FREE EVENTS

Receive periodic promotional alerts for our emergency management events and webinars.

Email: SIGNUP

PENN STATE | ONLINE
Earn your homeland security master's degree

LEARN MORE

Sign up for our exclusive webinar

Management Association for Private Photogrammetric Surveyors (MAPPS) forms the Alabama Chapter & The Atlantic Group (TAG)

Print to Page | Contact Us | Your Cart | Report Abuse | Sign In | Become a Member



Enter search criteria...

What Is MAPPS? | MAPPS Membership | Meet Our Members | State Chapters | Government Affairs | Latest News | MAPPS Events | Excellence Awards | Career Center | Contact Board of Directors & Staff | MAPPS Groups | MAPPS PAC | Home

Community Search
Enter search criteria...

Member Sign In
Username
Password
 Remember Me
Sign In

Forgot your password?
Your Firm Hot a Member Yet?

MAPPS Events More

12/5/2012
GA-MAPPS Membership Meeting

1/27/2013 » 1/31/2013
2013 MAPPS Winter Conference Registration

3/12/2013 » 3/13/2013
2013 Federal Programs Conference

7/22/2013 » 7/26/2013
2013 MAPPS Summer Conference

2/9/2014 » 2/13/2014
2014 MAPPS Winter Conference

Newsroom: MAPPS News

MAPPS ANNOUNCES FORMATION OF STATE CHAPTER IN ALABAMA AT GEO HUNTSVILLE CONFERENCE

Friday, November 09, 2012 @Comments
Posted by: Nick Palatiello
Share | Facebook | Twitter | LinkedIn

An Alabama state chapter of MAPPS, the association of private sector geospatial firms, was announced today at the GEO Huntsville conference in Huntsville, AL.

"Following the momentum of this conference, and recognizing the significant cluster of geospatial firms and organizations in Huntsville and the State of Alabama, the establishment of AL-MAPPS is natural to leverage that synergy for further business growth," said Jeff Lower, MAPPS President-Elect, Magnolia River Services, Inc. during a presentation at the conference.

A number of principals of MAPPS member firms based in or with employees or offices in Alabama gathered on September 26 at the offices of Magnolia River Services, Inc. in Huntsville, AL for an "interest meeting" to discuss the establishment of a MAPPS chapter in Alabama.

A task force developed bylaws, established an initial Board of Directors, and organized the launch of the chapter at GEO-Huntsville.

The initial Board of Directors will be Dale Jobs, Magnolia River Services, Inc. (Huntsville, AL), Antonio Montoya, AeroMetric (Madison, AL), Scott Beard, Wiser Company (Birmingham, AL), George Jones, ISC (Huntsville, AL), and Aaron Morris, GISP Michael Baker Jr., Inc. (Ridgeland, MS).

"The growth of the MAPPS chapter program is a recognition by the membership of the unique synergy of firms at the national level that can be replicated in the states," said MAPPS President Dick McDonald, PLS, CP (T3 Global Strategies, Bridgewater, PA). "Working together through a state chapter these member firms will be able to grow their business, raise awareness of the important role of geospatial technologies play in our society and affect public policy at the state and local level."

Chapter dues will be just \$250 per firm. In order to be a member of AL-MAPPS, a firm must be a member of the MAPPS national association. For more information, visit www.mapps.org

About MAPPS

Formed in 1982, MAPPS is the only national association exclusively comprised of private firms in the remote sensing, spatial data and geographic information systems field in the United States. The MAPPS membership spans the entire spectrum of the geospatial community, including Member Firms engaged in satellite and airborne remote sensing, surveying, photogrammetry, aerial photography, LIDAR, hydrography, bathymetry, charting, aerial and satellite image processing, GPS, and GIS data collection and conversion services. MAPPS also includes a search for Member Firms which are agencies that provide software, services, products and services to the

THE ATLANTIC GROUP, LLC
Remote Sensing and Land Information Solutions

Home | About Us | Equipment | Services | Solutions | News | Contact Us | A-Track



OUR SERVICES

- Aerial Photography
- Multispectral (DMC) Imagery Acquisition and Processing
- LIDAR Data Acquisition and Processing
- Fully Analytical Aerial Triangulation
- DEM and Contour Generation (from imagery and/or LIDAR)
- Digital Orthophotography
- Planimetric Mapping
- Digital Stereo Compilation

ATLANTIC GROUP is a technology centered small business with the management, acquisition and processing capabilities of a large firm. Atlantic specializes in providing quality aerial data acquisition and land information solutions to both government (federal, state and local) and private sector clients.

There's No Substitute For Experience

An experienced team of mapping and GIS professionals, Atlantic has rapidly grown to become an industry leader in remote sensing and aerial mapping. Our investment in superior technology, combined with an in-house team of remote sensing and aerial mapping experts, makes Atlantic uniquely positioned to support even the most challenging of data acquisition and update mapping projects.

The Atlantic Group Philosophy

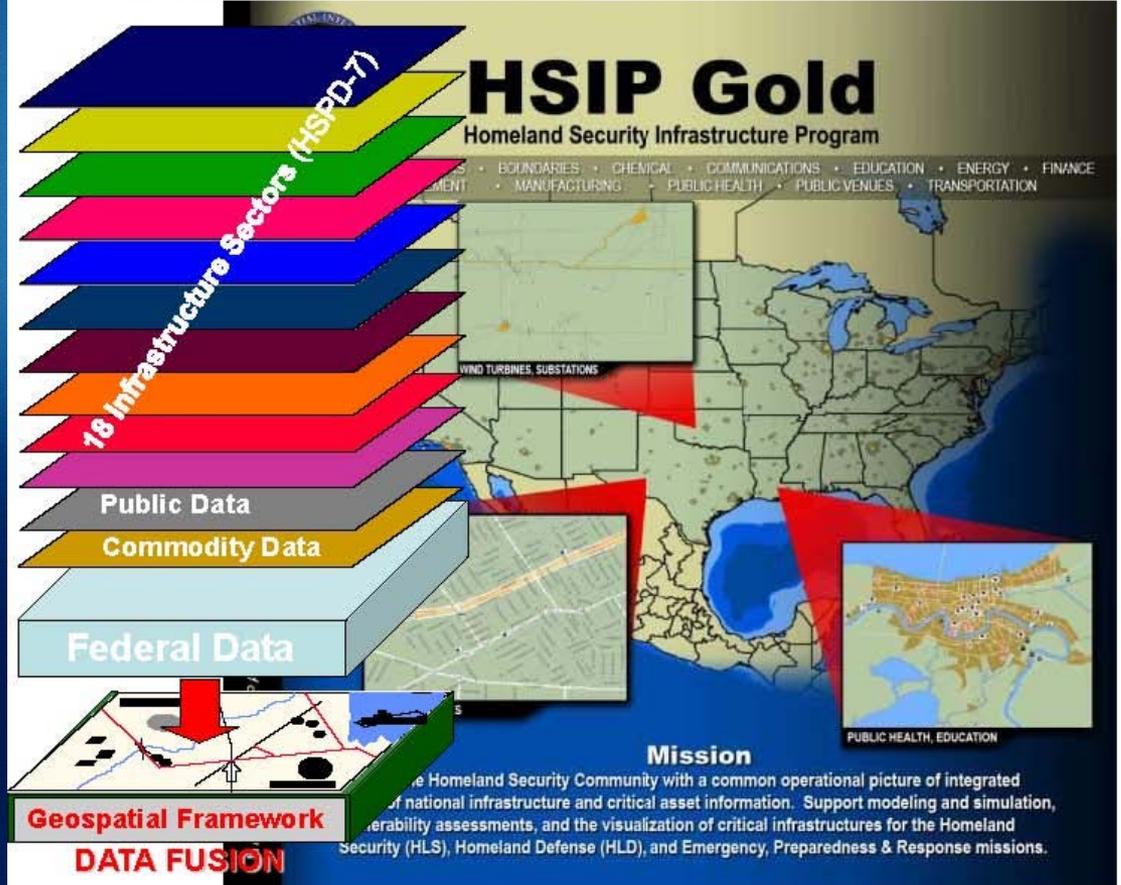
Provide data for your immediate mapping and GIS challenge and become a valued resource: a partner for our customers that will rapidly, accurately, and consistently apply the right technology to achieve superior land information solutions.

Homeland Security Infrastructure Program



NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
 Know the Earth... Show the Way... Understand the World

Homeland Security Infrastructure Program (HSIP)



UNCLASSIFIED//FOUO
 National Geospatial-Intelligence Agency

HSIP GOLD 2012

DVD 1 OF 5
 Infrastructure Data

Total # of Requests: 733
 Total # of Supported Users: 230,000
 UNCLASSIFIED//FOUO

FEDERAL LEVEL
 DISSEMINATION

UNCLASSIFIED//FOUO

HSIP FREEDOM

via HSIN

UNCLASSIFIED//FOUO

FEDERAL, STATE & LOCAL
 LEVEL DISSEMINATION

Homeland Security Infrastructure Program



NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
Know the Earth... Show the Way... Understand the World

Homeland Security Infrastructure Program (HSIP) Mission Statement

To aggressively capture, integrate and provide the Homeland Security, Homeland Defense and Emergency Preparedness, Response and Recovery community with ***common operational geospatially enabled baseline data*** - create a user defined operational picture to analyze threat, support critical infrastructure protection and expedite readiness, response and recovery in the event of a man-made or natural disaster.

Homeland Security Infrastructure Program



NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

Know the Earth... Show the Way... Understand the World

Government Data Providers

U.S. Department of Agriculture (USDA)

Forest Service

U.S. Department of Commerce (DOC)

U.S. Census Bureau

National Oceanic and Atmospheric Administration

(NOAA)

U.S. Department of Defense (DoD)

National Geospatial-Intelligence Agency (NGA)

Defense Installation Spatial Data Infrastructure

(DISDI)

Defense Contract Management Agency (DCMA)

U.S. Army

U.S. Army Corps of Engineers (USACE)

National Guard Bureau (NGB)

Air National Guard (ANG)

Army National Guard (ARNG)

U.S. Department of Energy (DOE)

Office of Energy Efficiency & Renewable Energy

National Renewable Energy Lab (NREL)

Office of Science

Oak Ridge National Laboratory (ORNL)

U.S. Department of Health & Human Services (HHS)

State/Local

U.S. Department of Homeland Security (DHS)

Federal Emergency Management Agency (FEMA)

U.S. Coast Guard (USCG)

U.S. Customs and Border Protection (CBP)

Office of the Border Patrol

U.S. Department of the Interior (DOI)

Bureau of Indian Affairs (BIA)

U.S. Fish and Wildlife Service

U.S. Geological Survey (USGS)

National Park Service

U.S. Department of Transportation (DOT)

Federal Aviation Administration (FAA)

Federal Railroad Administration (FRA)

Bureau of Transportation Statistics

U.S. Department of Veterans Affairs (VA)

U.S. Environmental Protection Agency (EPA)

U.S. General Services Administration (GSA)

U.S. Nuclear Regulatory Commission (NRC)

U.S. Postal Service (USPS)

Federal Communications Commission (FCC)

Federal Deposit Insurance Corporation (FDIC)

National Credit Union Administration (NCUA)

Non-Governmental Organizations

American Red Cross (ARC)

Geospatial Multi-Agency Coordination

10

Homeland Security Infrastructure Program

Data	What is it?	Who can access it?	How can I access it?	What do I need?
	<p>A compilation of Common Operational Geospatially Enabled Base-Line Data to support to Homeland Security, Homeland Defense and National Preparedness – Prevention, Protection, Mitigation, Response and Recovery mission communities.</p> <p>Data is U//FOUO.</p>	<p>Federal Government Agencies.</p> <hr/> <p>State and Local Government Agencies sponsored by FEMA with a Presidential Disaster or Emergency Declaration.</p> <hr/> <p>All Federal, State, Local, Tribal and Territorial Government Agencies and Private Sector Partners can view when served by a password protected Federal System.</p>	<p>Request DVD set on HIFLD site at https://www.hifldwg.org/hsip-overview.</p> <p>Requests handled by NGA.</p> <p>Data is in vector format, organized in geodatabases.</p> <hr/> <p>Access via Map Services on the DHS Geospatial Information Infrastructure (GII) at https://gii.dhs.gov/</p> <p>"GII Services" for WMS, REST, SOAP, API or KML.</p> <p>"DHS Earth" for Google Earth KML file.</p> <p>"OneView" for web-based analytic viewer.</p>	<p>HIFLD account. http://www.hifldwg.org/</p> <p><i>(Government sponsor information is required for anyone who is not a federal, state or local government employee.)</i></p> <hr/> <p>HIFLD account. http://www.hifldwg.org/</p> <p>FEMA Sponsor</p> <p>Presidential Declaration # http://www.fema.gov/news/disasters/fema</p> <hr/> <p>HSIN account. https://government.hsin.gov/default.aspx</p> <p><i>(No specific Community of Interest (COI) required.)</i></p> <p><i>(Government sponsor information is required for anyone who is not a federal, state or local government employee.)</i></p>
<p>HSIP Freedom</p> 	<p>Subset of HSIP Gold data that is license-free and does not include the commodity data.</p> <p>Data is U//FOUO.</p>	<p>Federal, State, Local, Tribal and Territorial Government Agencies and Private Sector Partners.</p>	<p>Download from HSIN GIS Portal - HSIP Freedom Site (instructions online)</p> <p>Requests handled by DHS.</p> <p>Data is in vector format, organized in geodatabases.</p>	<p>HSIN account with membership to the GIS Community of Interest (COI). https://government.hsin.gov/sites/gis/RDC.aspx</p> <p><i>(Government sponsor information is required for anyone who is not a federal, state or local government employee.)</i></p>
<p>HSIP NAVTEQ State Release</p> 	<p>The HSIP-NAVTEQ data uplifted by NGA is also a subset of HSIP Gold and includes street data, points of interest data, and route analysis.</p> <p>Data is U//FOUO.</p>	<p>State Fusion Centers, State Emergency Operation Centers (EOC), State GIS Coordinators, and State Emergency Management Coordinators.</p>	<p>Request DVD set on HIFLD site at https://www.hifldwg.org/navteq</p> <p>Data is in Smart Data Compression (SDC) format.</p>	<p>HIFLD account. http://www.hifldwg.org/</p>

Introduction to GIS Training



ALABAMA GEOGRAPHIC INFORMATION PROGRAM OFFICE



Introduction to GIS

Prerequisites

A basic understanding of computer hardware and Microsoft Windows operating systems.

Description

This one-day seminar is designed to give participants an overview of the State of Alabama GIS Executive Council and Program Office, to inform participants about Virtual Alabama and to introduce participants to Geographic Information Systems (GIS). Geographic Information Systems provide a variety of tools and technology to unearth and explain relationships, patterns, occurrences, and coincidence of spatially distributed features, objects, and information. Whether you know it or not, GIS impacts your daily life in many ways. The tools GIS offers enable business professionals to identify market areas, law enforcement officials to map and predict where crime is likely to occur, emergency management agencies to plan effective rescue and evacuation strategies in advance of disasters, and city, county, or state agencies to formulate and execute developmental plans in response to future growth trends as well as manage utilities, geo-spatial assets and parcel data. Topics covered in this seminar include GIS history and geospatial concepts, GIS computer operations, and map-making. Participants will gain hands-on experience with the world's leading GIS software, ESRI ArcGIS and Intergraph GeoMedia Professional. In addition, you will work with Global Positioning Systems (GPS) and gain an understanding of how GIS and GPS are combined to solve modern-day geospatial problems as well as provide insight into historical events. A portion of the seminar will touch on the latest 3D and 4D GIS technologies.

Seminar Topics

- What is GIS and how is it used?
- How is GIS governed in Alabama?
- What is Virtual Alabama and how is it a common operating picture?
- Hands-On Session, ESRI ArcGIS 10.1.
- Cartographic Concepts, Map Types, and Computer Cartography, ESRI ArcGIS 10.1.
- Data Types, Data Storage: Building Relational Databases, ESRI ArcGIS 10.1.
- Working with Images and Digitizing Features, ESRI Arc GIS 10.1.
- Overview and Hands-On with Intergraph GeoMedia Professional.
- Remote Sensing, GPS and 3D GIS.

Seminar Leaders

- Dr. Terry Winemiller
- Dr. Steve McKinney
- Phillip Henderson

NSGIC Meeting Update

- NSGIC Wants National Data Programs
 - Collect data once for all levels of government
 - Nation-wide data should be created for multiple users
- Revise and Refocus Federal Data Programs
 - For the Nation Initiatives (Addresses, Transportation, Imagery, Elevation)
 - Allow local buy-ups within federal programs



NSGIC Meeting Update

- Federal and State Governments Need to Work together
 - Federal agencies should develop the standards to support the integration of local data to state and national levels
 - Federal data collection should include cooperative options for state and local buy-ups
 - Federal agencies should notify states of upcoming data collection activities
 - Federal agencies should notify states of pending grants and contract programs
 - Federal programs should be coordinated across federal agencies
 - States should be contracted to develop national data programs

Virtual USA Development Team



[Home](#) | [The Value of Viewers](#) | [The Need for Sharing](#) | [The Solution](#) | [Reference Materials](#) | [Contact Us](#)



Registered Users

Are you a member of a participating vUSA organization or government agency? If so, you can log in here or request a username and password.

Username

Password

Login

[Request user access](#) to the vUSA Virtual Library.

Virtual USA:

The right information, at the right time, for the right people

In an emergency, reliable information is a decision maker's most important asset. Virtual USA enables emergency response agencies to more quickly find, share, and analyze data — allowing them to make better decisions based on more complete information.

The Virtual USA Web site provides the data pipeline that allows partners to share critical information between geospatial viewers. The success of Virtual USA rests not only on technical capabilities, but on existing relationships among a community of emergency managers at all levels who agree to collaborate to improve situational awareness and emergency response.

Learn more about Virtual USA

- [How states' geospatial visualization systems are revolutionizing emergency preparedness and response](#)
- [What happens when a regional emergency requires a coordinated response](#)
- [How Virtual USA helps responders exchange critical information quickly and securely within a trusted community](#)



The Virtual USA Implementation Tool is a methodology for agencies to plan and implement a geospatial information-sharing capability in line with the Virtual USA model.

Learn More

National Information Sharing Consortium



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Welcome to the NISC!

Sharing tools and best practices to improve situational awareness and interoperability.

Join us for our virtual event, "GeoGuard and Shared Situational Awareness (SSA) Initiatives" on November 29, 2012!

[Register Now!](#)



[View Larger Map](#)

Homeland-Defense Operational Planning System

Lawrence Livermore National Laboratory

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Protecting the Nation's Infrastructure



Locate U.S. Critical Assets
Using HSIP Gold



View LLNL's CBRNE Library



View LLNL's
In-Depth Assessments

HOPS Highlights & Updates:

New serving HSIP Gold 2012
Coming Soon: Optimized HSIP for Google Earth - Organized by U.S. State
Coming Soon: 3D Population Day/Night for select U.S. cities* (*Production upon your request)

Homeland-Defense Operational Planning System
Developed and hosted by Lawrence Livermore National Laboratory
Sponsored by National Geospatial Intelligence Agency (NGA)
UCRL-WEB-213524 | LLNL Privacy and Legal Notice



GIS Technician Classification

Examination
announced by
State Personnel
October 17, 2012

State of Alabama
Personnel Department
64 North Union Street
P. O. Box 304100
Montgomery, AL 36130-4100
Phone: (334) 242-3389
Fax: (334) 242-1110
www.personnel.alabama.gov

Continuous Announcement

GEOGRAPHIC INFORMATION SYSTEMS TECHNICIAN – 21070

Salary: \$26,464.80 - \$45,501.60
Announcement Date: October 17, 2012

JOB INFORMATION

The Geographic Information Systems Technician is a permanent full-time position used by various agencies. Positions are located throughout the state. This is technical work in the capture, storage, manipulation, documentation, distribution, and display of geographically referenced information from a variety of sources. Employees in this class utilize geographic information systems (GIS) technologies to perform geospatial data collection and processing.

MINIMUM REQUIREMENTS

- High school diploma or a GED certificate
- One (1) year of experience performing Geographic Information Systems activities

NOTE

- One year of college coursework (30 semester hours or 45 quarter hours) from an accredited* college or university. to include completion of two college-level courses in Geographic Information Systems, may substitute for the one year of required experience.

ADDITIONAL REQUIREMENT

- If you would like for your education to be considered, you must submit an **official** college transcript for each accredited* postsecondary academic institution attended. Original transcripts issued to students will be accepted. Photocopies of transcripts and/or information obtained from the internet will NOT be accepted. Official transcripts which have been submitted for any state job after January 2, 2012, will remain on file in our system and will not need to be resubmitted. You may call to verify.

EXAMINATION

- **Open-Competitive** to all applicants
- Evaluation of **Training and Experience** as shown on the application

HOW TO APPLY

- Complete an Application for Examination Form available at www.personnel.alabama.gov, the above address, or any Alabama Career Center Office.
- Apply by mail or by fax. *Applications will be accepted until further notice.*

THE STATE OF ALABAMA IS AN EQUAL OPPORTUNITY EMPLOYER

*Please refer to the back of this announcement for complete information on State Personnel's policy for accepting post-secondary and advanced degrees.

Agenda

- Other Business
- Next Meeting
- Adjourn

GIS Awards & Conference

- Establish the Governor Excellence Award in GIS
 - Nominations collected by the Program Office
 - Approved by the GIS Executive Council
- Recognition of GIS success stories around the state
 - Communications Subcommittee
- Establish Statewide GIS conference
 - Summer/Fall 2013



State GIS Website

GIS Alabama Home
www.gis.alabama.gov

HOME | ABOUT US | PROGRAM OFFICE | LOGIN



NAVIGATION

Event Calendar
Executive Council Organizations and Members
Committee Organizations and Members
Committee Contacts
Downloads
Feedback

GIS Quick Links

Our Friends and Partners:
Alabama Maps
Alabama URISA Chapter
Alabama View
ESRI Community Basemap Program
Intergraph Users Community
ISD Geospatial Office
National States Geographic Information Council
Alabama Climate Report
DCNR Map
Forever Wild Map

Get Involved - Volunteer Programs:
GIS Corps
The National Map Corp



News and Activities

***Upcoming* Alabama Geographic Information Executive Council Meeting**

The next Executive Council meeting will be held at the Alabama Criminal Justice Information Center on June 19th, 2012. The meeting will take place on the 3rd Floor in the Boardroom from 1:00 - 2:00 PM (CST). Any questions, please email phillip.henderson@adeca.alabama.gov or call at (334) 353-1038.

Location: 201 S. Union St. Montgomery, AL 36104
Time: 1:00 - 2:00 PM (CST)

Forever Wild Land Trust Unveils New Website!

Check out the Press Release for the new Forever Wild website below!
<http://www.outdooralabama.com/news/release.cfm?ID=1045>

Below are the two sites for the DCNR map and the Forever Wild map.

- The DCNR map is located at: <http://maps.dcnr.alabama.gov/DCNR>
- The Forever Wild map is located at: <http://rmaps.dcnr.alabama.gov/FWLT>

ADEM host publicly available GIS web applications!

http://gis.adem.alabama.gov/ADEM_Dash/flexviewer_Land_Info/index.html

This page has Unauthorized Dumps and Scrap Tire Sites from ADEM. You can click on any of the sites or districts and get a pop-up box with information pertaining to each location. The House and Senate ones have a place to click to take you to there web page.

http://gis.adem.alabama.gov/ADEM_Dash/use_class/index.html

This page has a variety of water data. Take a look and explore. You can click on any water feature or HUC and get a pop-up box.

http://gis.adem.alabama.gov/adem_dash/latlonout.html