

*"If your actions
 inspire others to
 dream more,
 learn more, do
 more and become
 more,
 you are a leader."
 John Quincy Adams*

Editorial

Season's Greetings, Central Florida!

We are happy to bring you the December 2009 issue of the CFGIS newsletter. We combined a diverse range of disciplines and subjects that not only illustrate how much GIS has grown during this year, but also demonstrate the great benefits of using this technology as part of an organizational workflow. As we worked on this issue of the CFGIS newsletter we were thinking about how rewarding it is having peers like YOU that understand the value of companionship, collaboration, and sharing. Our regional GIS community definitely understands the value of working hard, side-by-side as a group of highly specialized professionals promoting professional growth.

During this year GIS has gained much well deserved ground. GIS enables our communities to make better informed decisions. GIS is currently supporting many industries and it has proven, by far, to be more than an analytical tool. Through its unique and powerful ways of filtering and representing data, the overall decision making process has been enhanced with the utilization of this technology.

In Central Florida, through a trustworthy environment, the CFGIS program facilitates communication, data distribution, peer collaboration, and knowledge interchange among organizations, professionals, leaders, and anyone interested in making the best use of this technology. Together, we have accomplished so much during this year. Our users group meetings were filled with edgy technology sharing, innovative methods to make the best use of your data, companionship to peers that are facing difficult times, and most importantly filled by the willingness to be helpful. Throughout the year our regional peers also contributed with high quality articles and technical hints that composed our quarterly newsletters. The CFGIS clearinghouse is populated with refreshed data, great metadata, and a map gallery that offers a great variety of pre-made maps.

You should be proud of your contributions to our community. You should be proud of your commitment to our profession. You should be proud of your pro-active attitude to make our regional GIS community better. Thank you Central Florida GIS professionals. Job Well Done!

On behalf of the East Central Florida Regional Planning Council we would like to wish you a terrific 2010 with many more accomplishments to come. We also would like to invite you to stay involved! Be active! We still have so much to share! We still have so much room to grow!

Contribute! Make a difference! By staying together we can accomplish much more!

By Claudia Paskauskas - East Central Florida Regional Planning Council GIS Manager.

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Save the date:

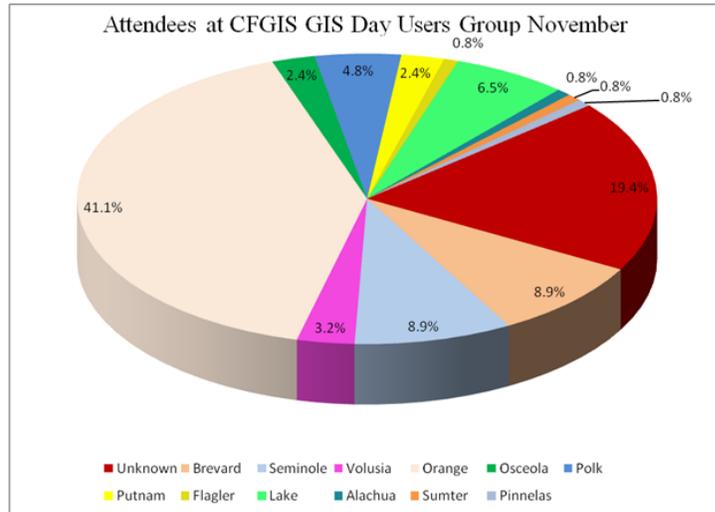
**Next CFGIS
 Users Group
 Meeting
 February 26,
 2010. Join us for
 a fun day of GIS
 and much more!**

CFGIS GIS Day 2009 Recap

By Elizabeth Rothbeind - East Central Florida Regional Planning Council

Since 1987 the National Geographic Society has sponsored a Geography Awareness Week to acknowledge and promote geographic literacy in schools, communities and organizations. GIS day sprouted from Geography Week and has become more popular and more recognized over the years. GIS day not only creates geographic awareness but it also provides an opportunity for GIS users and non-users to get together and share their real-world applications and the amazing capabilities of the program.

*"It is not enough to take steps which may some day lead to a goal; each step must be itself a goal and a step likewise."
Johann Wolfgang von Goethe*



CFGIS once again was a part of this world wide tradition! 124 people from 12 counties gathered on November 12, 2009 to celebrate GIS Day. Individuals from the private and government sectors came from all over Florida, including Alachua, Brevard, Flagler, Lake, Orange, Osceola, Pinellas, Polk, Putnam, Seminole, Sumter, and Volusia counties.

The program this year included a government exhibit area, showcased a map gallery, and offered an agenda with outstanding presentations of GIS work being developed around our region. Our friends of GIS made donations of raffle prizes and kindly sponsored snacks and refreshments.

The government exhibit area enabled individuals around the state to learn and interact with their peers about the latest and greatest GIS news as well as see firsthand GIS best practice examples in action. Thank you to Lake, Orange, Volusia, Seminole, Polk, Brevard and Putnam counties, FDOT-D5, and Sunshine State One Call of Florida for your participation!



Additional GIS Day highlights were the interactive games, presentations, and raffle prizes. The first interactive game was the Spatial Magic Jelly Bean count game. A clear glass jar was filled with jelly beans and **Simone Babb with GMB** hit the nail on the head with the exact correct number submission of 559. Congrats Simone! Read the article in this newsletter that explains the science behind the Magic Jelly Bean Game.

The next interactive game was the where in the region game.

Participants identified landmark photographs within Central Florida. With many submissions, the overall winner was **Edward Johnson with Orange County GIS**.

GIS Day also featured a map gallery where participants submitted maps and the maps were then judged by GIS Day attendees. The overall preference was for "A History of Cadastral Mapping" submitted by **Matthew Salus with Orange County GIS**.

We would like to extend our thanks and gratitude to all that attended GIS Day 2009 and to everyone who helped make this year's celebration a terrific success.

Questions or comments? Would you like to learn more about GIS? Visit the CFGIS website -www.cfgis.org and explore the possibilities!



What's New?

By the ECFRPC GIS Team

"What's New" will connect you with the latest and greatest in GIS happenings all around the region. This quarterly publication announces very exciting news from all over the region.

- **Lake County:** Lake County participated in the 11th Annual GIS Day on Wednesday, Nov. 18, from 10 a.m. to 3 p.m. in the rotunda of the Lake County Administration Building, located at 315 W. Main St. in Tavares. The event included GIS software demonstrations, a map gallery of Lake County GIS projects and a prize drawing. Attendees were able to meet the Lake County GIS system operators, ask questions, and even try some GIS activities.



- **Volusia County:** Volusia County had a modest GIS Day celebration in the Historic Courthouse in DeLand on November 20th from 10 to 1pm. Activities included presentations on the Network Analyst extension, the US National Grid and the new ArcGIS Server services offered through the revamped interactive map kiosk. Participants competed in a GIS trivia challenge and a "Where is it / What is it" contest. Jeff Eggleston (Volusia County GRM) and Caroline Turgeon (City of DeLand Planning) tied in the Best Map competition.



- **Seminole County and Orange County** also had local GIS day celebrations.

"I have been impressed with the urgency of doing. Knowing is not enough; we must apply. Being willing is not enough; we must do." Leonardo Da Vinci

▪ **Brevard County:** The Brevard County Schools are now offering a 3 year GIS curriculum. As an introduction to the students Lauren Huffman, contractor at Patrick AFB, Josh Holinda from the Brevard County Prop. Appraiser Office set up a GIS day activity for Cocoa Beach High School. The Brevard County GIS Day volunteers hope that their presence instilled more student interest in the GIS program. The students were asked to select a question (GIS, Geography or Florida Trivia) from the container. If they answered correctly they could choose any of the prizes offered and also received a set of GIS Day stickers. If they did not know the correct answer they received a pen or pencil and a set of GIS Day Stickers. Many students tried to win a prize!



▪ **CFGIS GIS Day Users Groups Map Gallery Winner:** Matthew Salus Orange County GIS

▪ **CFGIS GIS Day Users Groups Magic Jelly Beans Winner:** Simone Babb with GMB

▪ **CFGIS GIS Day Users Groups Where in the Region Winner:** Edward Johnson Orange County GIS

▪ **GISCI Hires First Full-Time Executive Director:** After a comprehensive national search, the Board of Directors of the GIS Certification Institute (GISCI) is pleased to announce the hiring of its first full-time executive director, Sheila Wilson (GISP), effective December 1, 2009. This selection was made after a careful review of a great number of highly-qualified candidates. GISCI Board President Ed Arabas reflected, "Our organization is now at a critical juncture regarding future direction, and having an Executive Director that will dedicate her full-time energy to the issues surrounding the certification of GIS professionals will support the growth and maturity of members of the GIS industry." Wilson has an extensive background in GIS and association management. For more information about the GIS Certification Institute, visit www.gisci.org. (by URISA Digest 11/23/2009)

▪ **17-92 Redevelopment Corridor Update:** The East Central Florida Regional Planning Council (ECFRPC) with the Seminole County US 17-92 Community Redevelopment Agency, completed two phases of the study that will analyze the Community Redevelopment Areas (CRAs) along the US 17-92 corridor. The phases completed are Historic Sanford CRA and Lake Mary - Sanford CRA. This study is part of the County Master Plan composition effort that focuses in documenting current land use, identifying potentially underutilized parcels and exploring opportunities of land readjustment through the revitalization of the CRA, local economy, transportation alternatives, development patterns, and land use regulations. The Corridor underutilization analysis is a powerful GIS component of this plan. To learn more about the US 17-92 parcel data and land use analysis, contact the ECFRPC team at <http://www.ecfrpc.org/Contact-Us.aspx>.

▪ **Cape Canaveral Visioning - Envision Cape Canaveral:** The East Central Florida Regional Planning Council (ECFRPC) worked with the City of Cape Canaveral to lead the seven month, "Envision Cape Canaveral" Visioning process and provided related land use planning and GIS assistance. With the input of the citizens of Cape Canaveral, the ECFRPC developed a comprehensive vision and strategy for future redevelopment of underutilized areas identified in the City of Cape Canaveral. A total of six workshops were held in the City of Cape Canaveral, which engaged citizens in the visioning process and utilized their ideas, foresight, and knowledge to create a working vision for their beloved city. Throughout the project, GIS was largely utilized to develop significant data about neighborhood intensity preferences, visual preferences, as well as identify underutilized sites. For additional information about "Envision Cape Canaveral" please contact Elizabeth Rothbeind at Elizabeth@ecfrpc.org

Remember to send CFGIS your new and updated metadata files for addition in the Clearinghouse. For more information, E-mail: Claudia@ecfrpc.org

...the two-day event -- called Random Hacks of Kindness (RhoK) -- in which developers tried to solve real-world disaster relief issues with technology...

Need GIS Points? Volunteer with CFGIS!

- **How Shall We Grow Data now available for Download:** In 2007, the How Shall We grow project created multiple alternative future development patterns for the 7-county Central Florida region for the year of 2050. The 2050 Regional Vision (which took the best attributes of the three alternatives and blended them) won three national planning awards from the America Planning Association (Best Use of Technology for Planning Analysis and Planning excellence for Best Practice) and from the Collins Center for Sustainable Florida (Sustainable Florida Award). The GIS data and other project supporting documentation are now available for download at the CFGIS website - www.cfgis.org. To access the data go to the <http://cfgis.org/Document-Library.aspx> and expand the "2050 Vision - How Shall We Grow?" green bar.

- **Have you seen your picture from the last CFGIS Users Group yet?** The PowerPoint presentations and pictures taken during the last CFGIS users group - GIS Day meeting held November 12th are now posted to the CFGIS website. To access the photos from the meeting go to the CFGIS website www.cfgis.org and then click in the "users groups/photo archives". Most of the PowerPoint presentations shared during the meeting are also loaded to the website. Just go to the CFGIS website www.cfgis.org and then click in the "users groups/meeting materials". Check it out!

Hackers Unite in the Name of Disaster Preparedness

By Elaine Pittman

Building a developer community to tackle IT and communications issues related to disaster relief isn't a simple task, but when Microsoft, Google, Yahoo, NASA and the WorldBank team up, they mean business. The entities sponsored the two-day event -- called Random Hacks of Kindness (RhoK) -- in which developers tried to solve real-world disaster relief issues with technology in November at the Hacker Dojo in Mountain View, Calif.

Patrick Svenburg, senior manager of Microsoft Federal Business, said Microsoft, Google and Yahoo recognized that there's a stovepiped approach to technology because they each have their own systems. He said there were 17 different missing persons databases online during Hurricane Katrina, and "we know how to fix that."

The first RhoK hackathon -- an event where programmers get together and work on creating technological solutions to a defined set of challenges -- combined coders and subject-matter experts to address IT problems related to disaster preparedness and relief. Svenburg said 60 problems were defined at information gathering sessions held before the event that could be alleviated with technology solutions. The number was narrowed to 12 problems for hackers to choose from.



Although FEMA wasn't an event sponsor, Administrator Craig Fugate keyed the initiative. Fugate challenged the programmers to devise an easy way for families to put together emergency communications plans online. He also offered a prize for the best program addressing the issue: a chance to present the solution at a FEMA meeting in February 2010. Svenburg said the winning program was called Break Glass and was a combination of an emergency preparedness plan and a disaster notification tool to alert friends and family about one's well-being. Break Glass is a smartphone application that allows people to track their emergency preparedness plan, like where to meet, who is responsible for picking up children from school, etc. "It will actually let you document that stuff and think about it proactively," Svenburg said. "Plus at the touch of a single button, you can choose to communicate with your network and not only do that through voice, which is quite data intensive and tough to get out at times, but also through [short message service], which has much smaller data packages that can be pushed out."

Another program developed during the hackathon, called I'm OK, is an easy way for someone to tell their family and friends that they're all right following a disaster. The user creates a group of people in their cell phone and then following an emergency can push one button to send a message to everyone that says, "I'm OK."

The next RhoK event will take place in February or March 2010 in Washington, D.C. Svenburg encouraged first responders and emergency managers to bring their experience and expertise

“Having to explain the sometimes daunting task of what GIS is, and its benefits to someone who does not have a technical background can make for a long conversation.”

to the event and outline what technology is or isn't working in the field.
Go to Emergency Management's Web site, to learn more about the [RhoK hackathon](#).

<http://www.govtech.com/qt/articles/733428?elq=b874eee2032544a8b6bf050d27a206ef>
[Photo courtesy of Jeremy Johnstone, Yahoo Inc.]

Lake County GIS Technologies are Leveraging the Playing Field

By Kevin Willis, Lake County GIS Director

Lake County Florida is located in Central Florida, Northwest of Orlando. Lake County has 1,156 square miles of which 203 square miles of it is water (17.58%). Historically a rural county, Lake County has experienced more than a 25% population growth from 2000 to 2006 and was ranked as the 23rd fastest growing county in the United States with a population approaching 300,000.

As a result, the county struggled to maintain the expanding infrastructure. This provided an opportunity for the county to utilize and explore other GIS technologies. Recently, the Lake County GIS Division aspired to better inform the public as to the how and where GIS technologies are contributing to the county in a positive manner. We wanted to continue to encourage county departments to evaluate how GIS can add value in areas not yet considered.

The Challenge

Having to explain the sometimes daunting task of what GIS is, and its benefits to someone who does not have a technical background can make for a long conversation. In addition, with all the new and innovative GIS formats being developed and consumed, Lake County GIS desired an easier way to demonstrate these values without spiraling into the technical abyss of deep explanations. GIS needed a way to collectively educate others in understandable terms. A picture is “worth a thousand words”, so a video presentation seemed appropriate to broaden GIS awareness.

GIS technologies are not leveling the playing field but rather leveraging it by adding value through identifying cost savings and allocating resources more efficiently. GIS technologies are helping people make better decisions, and ArcExplorer 900 is the tool that can meet the challenge to better educate others concerning this value.

The Solution

Lake County GIS looked to the ESRI ArcGIS Explorer software based solution to better communicate visually how GIS technology is adding value across county business functions. ESRI's ArcExplorer is the tool of choice to effectively demonstrate with real world examples, of how GIS technologies provide exceptional benefit to the public at large by being a solutions provider. These GIS enabled solutions often add value to the level of service the county provides to the citizens through cost savings, data analysis, and project modeling and visualization.

Lake County GIS is using the ArcGIS Explorer software solution as a window to view the synergies that GIS technology creates. This technology enables other providers and consumers of data to consider how GIS technologies can better serve their customers with the services they provide. GIS technologies can be a cost savings mechanism if implemented in such a fashion, and GIS technologies can leverage county resources to provide risk management benefits. Over the past two years, Lake County GIS' enterprise environment has initiated many solutions that address real world issues.

Lake County GIS put into action a hybrid model approach to data sharing and data custodianship. The hybrid approach trains non-GIS staff to use GIS technologies at a basic level within their departments. These users or GIS liaisons are mentored by the GIS Division staff. This model works to extend the county's use of GIS and allows the GIS staff to focus proactively on data analysis and modeling. This win-win strategy can be best illustrated through the ArcExplorer 900 solution. This solution better informs the general public on the intrinsic value GIS technologies provide as a visual tool to communicate these implementations. Using the new ArcGIS Explorer we can also demonstrate to others the advantages of using ESRI offered layer files, layer packages, web map services, KML/KMZ, and shared content within the GIS community available at the ArcGIS Online website.

The Results

Lake County GIS has created a short video that highlights through an ArcExplorer presentation



"Nothing great was ever achieved without enthusiasm."
Ralph Waldo Emerson

our local data as KML's, services, embedded video, graphics, and text, and added audio narration of how GIS is being implemented in the county to "help people make better decisions". This application can perform like a decision support service (DDS) to the extent that it has the potential of allowing users to render decisions based upon scenarios displayed within ArcExplorer.

This video had its premier showing on our Lake County GIS Day Expo in November of 2009 and has been placed on the Lake County GIS Home Webpage so visitors to our site can better understand and visualize how GIS is being utilized throughout the county. This tool is an excellent resource to market and champion stakeholders to share in the GIS technology driven successes of our organization. The greatest benefit reaped from the use of this interface is the powerful and interactive presentations that can be embellished upon to communicate geographically what is going on in a near real time manner.

Lake County presented how GIS technologies contribute to local government business needs such as a the ArcGIS Server based Economic Development Property Finder application, the GIS Interactive Map, the Future Land Use Map, Fire Rescue Response Boundaries and accompanied analysis, annexations, streets, address points, and tax parcel data maintenance and representation. Lake County also presented how GIS technologies assisted with grant application efforts from both a mapping and data analysis posture.

ArcExplorer integrates projects and programs effortlessly to provide a clearer understanding from a dashboard perspective which decision makers can quickly understand. It is estimated that 80% of all databases can be displayed visually, and for Lake County we understand that GIS technology breathes life into our databases. The end result, optimizing how and where we use county resources to glean the greatest return on investment.

More Information

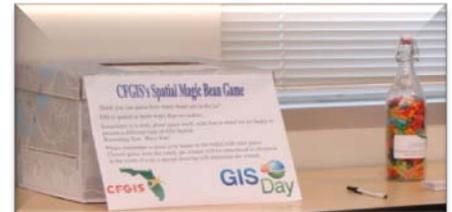
For more information, visit the Lake County GIS home webpage at:

http://www.lakecountyfl.gov/departments/information_technology/geographic_information_services/

The science behind the Magic Jelly bean Spatial Contest

By Keith Smith - East Central Florida Regional Planning Council

Have you heard of a theory about crowd wisdom? Essentially the idea behind crowd wisdom is that as a group we are far better at finding the real result than we are as individuals. As GIS professionals we are often tasked with trying to identify the truth through the means of various datasets, skill levels, and spatial understanding.



At the CFGIS GIS Day celebration we decided to create a little experiment in order to test our abilities of spatial reasoning and see how the results would measure up against the crowd wisdom theory. In the "CFGIS Spatial Magic Bean Game", a one liter jar was filled with jelly beans and we invited GIS professionals to try and guess the number of beans that were within the jar. We were very happy to see that over 60 people played the game and tested out their spatial reasoning skills. We had a wide range of values entered by our participants ranging from 72 beans all the way up to 2,600.



Of the more than sixty guesses we were amazed that only ten of the guesses were within 100 beans of the real amount, and we were astonished when we realized that one attendee guessed the exact amount, congratulations to Simone Babb with GMB who hit the bull's-eye of 559 dead on.

As individuals we had a wide range of values and one great use of spatial reasoning (or very good luck) but how did we do if the theory of crowd wisdom was taken into consideration? According to the crowd wisdom theory our collective guesses should be closer to the true value than any single guess. After totaling the sixty different answers and calculating their mean, as

"Success is peace of mind which is a direct result of self-satisfaction in knowing you did your best to become the best you are capable of becoming." John Wooden

a group we reached a value of 528, only thirty-one beans from the real value! In fact after looking back at the submitted answers only two of the guesses were closer than the average, meaning that the average was closer than 97% of our individual guesses. With only two guesses being closer the theory behind crowd wisdom does seem to have worked.

What can we learn and take away from this fun experiment? That even though we all have specialty areas, as a collaborative group exchanging ideas, projects, and data, together we can accomplish more!

Where is Where.gov?

by Christopher Tucker of Federal Computer Week

A basic tenet of good government is knowing where our 'stuff' is.

We have seen Recovery.gov and Data.gov, but where is Where.gov? Clearly, the Obama administration understands the power of place because it has already thrown interactive maps into the first two applications. Its commitment to place has even resulted in a powerful new approach to budget planning and programming, outlined in an Aug. 11 memo titled "Developing Effective Place-Based Policies for the FY 2011 Budget."

So why do citizens, civil servants, our uniformed service members and political decision-makers, including the president of the United States, need to go to so many mapping portals to see where things are, only to come up short?

To see the answer for this question and to read the rest of the article written by Christopher Tucker of Federal Computer Week, please see:

<http://fcw.com/articles/2009/09/28/comment-tucker-geospatial-data.aspx>

The Contradiction of Free Data and Business Models

by Off the Map - Blog of FortiusOne Posted: 17 Nov 2009 01:17 PM PST

I've been noticing two diverging themes lately when it comes to geo-stuff on the Web. First was all the buzz around Google ditching TeleAtlas and using their own data plus open data to support their base map. Second is the emerging and opposing of geo-related start ups looking at data marts or data sales as a potential monetization path.

On the surface these seem almost contradictory. Large enterprises moving towards using free data - meaning free from cost and free from licensing. At the same time governments are increasingly investing resources in supplying more free data to the public. Then there is the challenge with licensing and derivative works around data sold for a fee. Data sales have always been a big component of the GIS market, and the pitfalls of relying exclusively on open data have been voraciously documented in the wake of Google's announcement. Despite the hiccups, Wall Street is devaluing companies that rely on geodata sales.

It is arguable that the marginal value of data is trending towards zero. Typically there is a direct correlation between the price of data and labor required to create the data. What we've seen over time is technology decreasing the cost of labor and driving down the marginal value of data as a result. Road data is the obvious example our community cites most often, but I believe we'll see the same thing happen across the board. Take another big ticket geodata winner of the past - demographics. As locationally aware mobile devices become pervasive, and our collective aversion to privacy increases, our concept of geodemographics will change dramatically. As will the cost structure. The labor to suck data of a growing live sensor net will be a dramatic shift from the army of surveyors and call centers traditionally used to collect data.

The location API for Twitter is a great example of the coming shift. What will it cost to collect real time demographic sentiment across the Twittiverse....zero. Obviously everything can't be free, and at some point economic rents are required. On the off chance I'm right that data will continue to be squeezed. Where is there money to be made? Right now I'd argue ads and apps. Who is making tons of money right now? Google and Apple. When it comes to "bytes" what do they sell - ads and apps. Google is more focused on ads for monetization and Apple more focused on apps, but Apple's app ecosystem relies in part on ads and Google's ad network relies

Invite your peers to join the CFGIS email distribution list. Just go to the www.cfgis.org website and Sign-up!

in part on apps.

Otherwise you are talking about enterprise sales which I'd argue are lagging but headed in the same direction (minus ads). Both Google and Apple are expanding towards enterprises with the same recipe for success. For those of us trying to make money off geo-stuff the value is not in the data, but the questions that you answer with it. If you have an app that answers a meaningful question then someone is likely to pay for it - the data is just along for the ride.

ZIP Code changes reflect changing USPS landscape

November 17th, 2009 by Susan Smith - GIS Café

"In the past few months the number of changes that the U.S. Postal Service (USPS) has pushed through in terms of the coverage area for ZIP codes is more than we've ever seen," stated Darrin Clement, CEO of Maponics. "For example, in the San Francisco Bay Area, in just three months, 26% of the ZIP Codes changed."

According to Clement, most of the change is from consolidations, as they're closing post offices rather than adding new ones, driven by lower and lower mail volumes.

Make a Map for Free!

From ArcWatch News 11/20/2006

Make an [interactive U.S. demographic map](#) and embed it in your Web page. Select from seven different demographic layers such as median household income, population change, and unemployment.

This is part of ESRI's new [Mapping for Everyone](#) Web site, which provides simple, step-by-step instructions for creating maps with free GIS tools. [Make your map!](#)

Tips and Tricks

#1 - Split By Attribute Tool

by Kristina M. Smith, GISP - GIS Manager Aerial Cartographics of America, Inc.

The Split By Attribute Tool is a customization of ArcMap. The tool takes a single shapefile and splits it into many shapefiles based on the unique values of a chosen field. Kristina plans on using this tool on a current project where she needs to select individual layers from a composite planimetric shapefile and create individual shape files based on their layer name. Then, once this step is complete she will import them into geodatabase feature classes.

To install the Split by Attribute Tool:

1. You will need administrative privileges on your computer to register the DLL file (FoxSplitByAttribute.dll)
2. Save the DLL file to your hard drive
3. Start ArcMap
4. Select then Tools menu
5. Select the Customize... menu item
6. Click the Add from file ... button on bottom of the Customize dialog
7. Navigate to where you saved the DLL file, select the file, and click the Open button
8. Click the Commands tab of the Customize dialog
9. In the Categories listbox select the Fox Tools item
10. Drag the SplitByAttribute command onto an ArcMap toolbar
11. Click the Close button on the Customize dialog



To use Split by Attribute Tool:

1. Click the SplitByAttribute button to open the Split By Attribute dialog (see figure)

"One of the challenges with managing two and three dimensional geospatial data is displaying and understanding data as it evolves over time" -Eoin Howlett, ASA CEO



*East Central
Florida Regional
Planning Council*

*309 Cranes
Roost Blvd
Suite 2000
Altamonte
Springs, FL –
32701*

*P: (407) 262-
7772
F: (407) 262-
7788*

www.ecfrpc.org

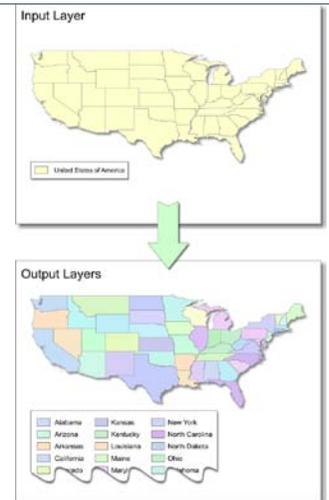
www.cfgis.org

2. Choose a Shapefile to split into component layers
3. Choose a Split Field whose unique values will be used as the basis of the split
4. Optional: enter a Base Name, this value will added as a prefix to all of the output layers
5. Click the Browse button and identify the output directory. The tool will create a folder name with the following structure: User identified directory + Layer Name + "_Split_" + Iterative Number
6. Check the Only export selected features checkbox if you want to restrict the export operation to selected features
7. Click OK button

Program execution:

1. The folder specified in the Output Directory textbox is created
2. Unique values from the chosen field are retrieved from the feature class
3. The program iteratively queries the feature class for each unique value in the split field and exports the resulting selection to the output directory. Each layer will named with the following structure: Base Name + Split Value

http://www.umesc.usgs.gov/management/dss/split_by_attribute_tool.html



#2 - ASA TimeSlider Extension

by Gina Marchica GIS Specialist at ECFRPC

ASA's TimeSliderTM is an extension for ArcGIS 9.1 and 9.2 that provides functionality to animate feature data that has date and time information. Many geographically-based phenomena ranging from geological processes to short-term movement of vehicles or marine mammals require temporal analysis. The TimeSlider extension allows ArcMap users to specify a field that contains date and time information for geographic features. The TimeSlider can manage multiple time-varying layers, including layers that have different time steps. As an example, GPS-locations may have a frequency of 6 seconds, and weather data has new observations every 30 minutes; the TimeSlider will recognize the different time steps, select the most appropriate time step and display the correct data as the user animates in time.

To download the set of instructions on how to use the Time Slider, go to the CFGIS website <http://cfgis.org/Document-Library.aspx> and expand the Tips and Tricks green banner.

Upcoming Events

- January 21st - Seminole County GIS Users Group meeting - Public Safety Bldg
- February 10, 2010 - GITA Central Florida Chapter Meeting - Topic: Web Applications - Tampa, FL
- CFGIS Users group meeting February 26, 2009
- 2010 GIS/CAMA Technologies Conference - March 8-11, 2010 in Little Rock, Arkansas
- ESRI Southeast Regional User Group (SERUG) Conference April 26-28, 2010
- 2010 URISA/NENA Addressing Conference - August 16-18, 2010 in Charlotte, North Carolina
- 2010 URISA Annual Conference - September 28-October 1, 2010 in Orlando, Florida
- Next URISA Leadership Academy - Washington, DC. To be confirmed. Stay Tuned!

Check the CFGIS website (www.cfgis.org) for more events!