



**MSGIC Summer Quarterly Meeting**  
 Wednesday, July 23, 2014  
 9AM – 3:30PM  
 Constellation Energy Joint Information Center  
 100 Skipjack Road, Prince Frederick, MD

**ATTENDEES:**

**Executive Committee:**

Julia Fischer, GISP	MD Department of Information Technology (DoIT)/GIO Office	Chair
Douglas Reedy, GISP	Frederick County	Treasurer
Theresa Martin, GISP	City of Laurel, MD	Secretary
Matthew Webb	Anne Arundel County	Local Government Caucus Chair
Patrick Callahan	Prince George's County	Data and Resources Subcommittee Chair
Lauren McDermott, GISP	Eastern Shore Regional GIS Cooperative (ESRGC)/Salisbury University (SU)	Education Subcommittee Chair

**Members/Guests:**

PJ Anderer		Elliott Plack	Baltimore County
Allan Blades	Axis Geospatial	Russell Provost	DoIT/ESRGC
Jane Gatewood	Gatewood Company	Franke Rowe	ESRGC
Logan Hall	ESRGC	Ashley Samonisky	MSGIC Intern
Mike Herzberger	MES	Dan Smith	Chesapeake Environmental
Jeyan Jebaraj	DoIT	Deborah Sward	Straughan Environmental
John Knowlton	URS	Mussie Tewolde	Dept of Juvenile Services
Linda Loubert	Morgan State University	Leah Visakowitz	Salisbury University
Gary Maragos	MDP	Al Wainger	Michael Baker Int'l
Ryan Mello	ESRGC	Austin Williams	BMC
Kenny Miller	DoIT	Tim Williams	City of Hagerstown
Joe Miller	Caroline County	Charlie Wrenn	Prince George's County
Tim Palmer	Wallace Montgomery	Christian Zumstein	Zekiah Technologies

**Welcome and Opening Remarks – Julia Fischer (MSGIC Chair)**

- Welcome new and familiar faces
- Thanks to DoIT for sponsoring breakfast
- Introductions

**Continental Breakfast – Maryland Department of Information Technology**

**MSGIC Business**



## Financial Report

- MSGIC is now a 501c3
  - IRS Determination - Under Private Foundation – “devotes most of its resources to the active conduct of its exempt activities”.
  - Retroactive from April 16 2012 (official date a 501c3)
  - Must make available our letter of determination, out letter of application (form 1023), articles of incorporation, our bylaws, annual returns, and other exempt status documents.
  - Available online or contact the Secretary for any of these documents.

**Question:** What does the status mean for activities? Is advocacy with officials allowed?

- No lobbying, can support legislation (case by case basis by IRS) letter of support for example to the state legislation for Open Data is fine. No supporting of candidates.
- Balance and Expenses (4/4 – 7/22)
  - Starting Balance: \$10,488.47
  - Income - No donations, \$1,391.18 from Memberships & Sponsorships
  - Expenses - \$100 consultants fee (form 990 and post card to IRS)
    - Different tax filing required for Private Foundation exempt organization (990PF) – Will be using CPA for this new form.
    - PayPal Transaction fees - \$32.13 (varies monthly 2.9% – 2.2% of every transaction plus .30¢)
    - Membership fee overpayment reimbursement \$10.00

Total expenses: \$142.13
Net Income: \$1,249.03
Total Income: \$1,391.16
End Balance: \$11,737.50

- Thanks for all the donations and sponsorships

## Executive Committee Changes

- Annual meeting moved to October where elections will be held instead of summer
- New Executive Committee will be ready to take over the next calendar year
- Mark Helmken stepped down in May and Vice Chair J. Fischer stepped into position in accordance with our bylaws
- Previous past chairs made the non-profit status possible, Chris Slavin, Jim Cannistra, Mike Scott, Mark Helmken, Doug Reedy and many other previous past chairs and executive committee members.
- Went over By-Law changes extensively at that Spring Quarterly and received 93% affirmative vote for the By-law recommendations.

## By-Laws

- Now following new By-laws
- Only members are allowed to vote
- Nonmembers welcome to join and/or voice their opinion.

- New Election Timeline – August solicit nominations, September elect new executive committee, new executive committee will take over following October meeting.
  - Tasks and responsibilities for each of the positions will be posted for anyone interested in running or nominating someone.
  - Verbiage inconsistency was raised during previous bylaw change vote – Executive committee will go ahead and change majority to plurality to recently adopted By-laws.
  - Plan to change Grant Development to Advocacy subcommittee now that we are a 501(3)(c) and have our own budget with a surplus to manage.
    - The Advocacy group could potentially be a broader umbrella over grants.
    - The Executive Committee will right up description along with the responsibilities of the committee.
- Question:** K. Miller – At NSGIC we offer travel grants to allow folks to travel and attend meetings. If we might want someone to come speak at the Plenary we might wave fees. Might be another cost to consider.
- We have discussed that if we agreed to send someone to represent MSGIC at a conference out of state that might incur expenses that MSGIC would cover.
  - Additionally looking into putting on free training for members which might incur cost of an instructor.
  - Suggest a rainy day fund
  - EC will be busy educating ourselves on what it means to be a 5013c

#### Intern

- Very 1<sup>st</sup> MSGIC intern
- Ashley Samonski started in June and working about 8 hours a week
- We already have a long list of tasks for her
- It is a paid position
- If you see messages or social media posts from her, know that she is sharing on behalf of MSGIC
- She has already been doing some work on the website, asking her to assist with membership recruitment and list maintenance, communicate to our members via social media, and provide updated content for the website and planning for Quarterly meetings.
- We are particularly looking to hear about successful projects going on that we can promote on the MSGIC blog.
- Getting some traction in our social media campaign.
- K. Miller will offer social media officer at the state as a resource.

#### Membership Report

- 355 paid members
- Over 1,000 on our contacts database – those in the GIS community who want to stay connected but are not paid members.
- 26 new members since the last Quarterly and seeing new organizations.
- 1 new Organizational Membership – Salisbury University

#### Training Opportunity, Lauren McDermott

- First major endeavor for putting some of our dues to good use for our members.
- Working to provide GISP certification training and getting information out to those looking to get their GISP – particularly with the implementation of an exam in early 2015.
- Plan to host between 1 and 3 trainings across the state.
- Doug Adams has volunteered to teach 2 of the 3 workshops including one on the Eastern Shore and likely one in Central Maryland.
- Bill Hodge of GISCI is excited and happy to support us in anyway.
- L. McDermott will be coordinating with Education Subcommittee members and they will be communicating all the training information to the members.
- 2-3 hour maximum workshop will be able to give members all they need to get the processes started.
- Attendees will be able to get the online process started in the workshop.
- Looking at other training opportunities as well and not just in Maryland.
- When we polled members last year, training was at the top of the list for what dues might go toward.
- Looking for facilities with workstations and there might be a cost associated with that.
- There would be no cost to members but should we open them up to non-members they would be paying a fee.
- Hope the workshops will bolster the number of GISPs in Maryland.
- J. Cannistra – There is a list of GISPs on the GISCI website. Do believe the test will be ready in 2015. We may also want to consider for long-term and those who don't currently qualify to be prepared for the exam.
- MSGIC will be looking to make more opportunities available where members can gain more points, e.g., attending meetings and technical workshops.
- Will try to make more of this information front and center on our website.
- K. Miller – would like to see a target whether it be a percentage of new GISPs.

#### Project Reports

GIO – B. Krucoff not able to join today. In his place Deputy GIO K. Miller

- State Training Coordinator
  - Lisa Lowe has completed the RFP process of bringing on board a GIS training coordinator within the GIO office.
  - Think there would be opportunities to include MSGIC members but will need to see how it plays out.
- Address Points
  - In process of updating address database
  - Thanks to the locals who have been providing their data.
- Data Bay Event (8/1 – 8/3)
  - Held at Smithsonian SERC.
  - Idea is to have folks look at as many Bay datasets and come up with new ideas and there is a prize.
- For those who support 9-11 centers, Department of Corrections and 911 board working on an RFP for statewide text to 911 solution.

- Two vendors that currently offer solutions.
- Would like to have a single statewide solution as opposed to counties selecting their own.
- Will continue to keep MSGIC informed.
- Law passed that created an Open Data Council
  - Recognizing transparency and providing data to the public.
  - Retires two existing committees including the MDiMap Executive Committee (as Geospatial data has been recognized by the open data law).
  - Governor's office has made appointments for the non-government folks to the committee.
  - We have 6 MGIC members on the council (Elliot Plack, Matt Felton, Bill Dollins, Bud Gudmonson, Dr. Mike Scott, and Linda Loupert) Not including state agency representatives.
  - End of August first scheduled meeting.
- DoIT working with ESRI to extend statewide ELA for state agencies.
  - Had attempted to do a Master Purchase Agreement so that the state agencies could buy licenses and products that are not a part of the ELA as well as make it available to locals.
  - For the time-being has taken that off the table and will go back to the ELA and continue working out kinks of the MPA.
- Have filled some vacant positions
  - Jeayan Jebaraj working in the GIO's office.
  - Will Melville from FEMA will fill the spot at MEMA.
- New MDiMap portal is live
  - iMap.Maryland.gov
  - Have tried to simplify and make it a more clean interface
- FirstNet – Government made a few years ago a high speed broadband wireless network for public safety for data.
  - The voice piece already there through the statewide 700 MHZ system.
  - A national system with a FirstNet Board and FirstNet Office
  - 5 Billion originally set aside though legislation for planning studies.
  - Kickoff meeting yesterday to prepare for meeting with FirstNet next week.
  - Addressing: What sort of data do we need to collect to prepare for application? Where do we have fiber assets?
  - R. Provost has been mapping where fiber assets were procured through NTIA grant (BTOP).
  - Will be working with local governments to see who has what, who owns what?
  - Probably a 10-yr program to build this wireless network.
  - Unsure how it will be funded but it is a national program with serious dollars.

MD iMap, Julia Fischer

- Brand new portal
  - Blue to Orange
  - 60+ maps in gallery and ability to add your local maps and MDiMap will message out.
  - Initiatives Page includes statewide initiatives like imagery, the street centerline project and addressing.

- LiDAR
  - Working with ESRGC to centralize all the LiDAR resources and they are hosting the rest end points for LiDAR and continue to keep it up-to-date.
  - Includes map that shows where LiDAR is available and topography viewer to allow searches for derivative products (shaded relief, aspect, slope, etc.)
  - Can be available for download as well.
- Composite Locator continues to be improved.
- Template
  - Developed in-house by John Boken from MES
  - Java-script html-5 based
  - Can reach out to him if interested in using template or if interested in additional functionality
  - MDiMAP template examples page (where template already being implemented)
- Support Overview Page
  - Pulled all areas of support to this location.
  - Questions about licensing agreements at the state or the K-12 licensing.
  - Jeayan is going to a camp to volunteer in a couple days where students and teachers will be out in the field.
- K-12 teachers and students and administration have access to all the ESRI software.
  - MSGIC members can be advocates to get the word out to those in Education about the availability of this software.
  - ESRI conference announcement that all schools have access to ArcGIS Online free of charge.
  - 4<sup>th</sup> graders presented their work, that was beyond just basic GIS, during the plenary.
  - MDiMap portal was well showcased throughout the FedUC Conference.
  - Two statewide ELA's – One is totally education related the other state agency
  - K-12 is administered through Washington College, the state is administered through the state's GIO office.
- New Training Section (On portal)
  - Instructional documentation
  - Some are linked back to ESRI, others have been customized specifically to allow users to more easily incorporate MDiMap resources.
  - Developing instructional videos: MDiMap Template, Composite Locator, ArcGIS Online (getting started & making an app)
- Data Overview Homepage – linked off of MSGIC.org website (data tab)
  - Includes listing of contributors and download sites (state, locals, regional, federal and surrounding states)
  - Data.iMap.Maryland.gov coined by ESRI as 'ArcGIS Open Data'
  - MDiMap 2.0 well underway and bringing infrastructure in house – using ArcGIS Server 10.2.2
  - Over 100 rest URL's of data.
  - Can search and download data into shapefile, kml or spreadsheet.
  - API's are also included

- Worked to ensure each data source was tagged appropriately with updated metadata.

#### Federal Projects, Kenny Miller

- R. Barlow with USGS has been Maryland's liaison for 20+ years.
- USGS is pulling back liaison support to the states to focus on USGS specific projects, i.e., the National Map, the 3DEP program, etc.
- What he was able to do for the state - for the statewide imagery fly – USGS was the conduit for the funding from the National Geospatial Intelligence Agency which collects imagery for the 133 cities program that includes Baltimore Washington metro area.
- They will no longer be performing that conduit function and funding contributions have greatly diminished.
- USGS is ramping up their 3D elevation program (LiDAR).
- Can request financial support for having areas flown or provide money to ride the existing imagery contracts by-up option for LiDAR.
- Can ride existing imagery contracts which includes ability for by-ups
- NSGIC – National Emergency Numbers Association Conference.
- NSGIC and NENA are working on a MOU for mutual support – not exchanging dollars.
- A lot of synergies exist between our organization at the national level as well as the state GIS councils to provide support to the 9-1-1 community.
- Data support, like in our case, collecting local datasets, stitching them into a statewide file and rolling them up to a national level such as a national address database.
- There are a number of states not active in the GIS coordination arena and NENA has offered through their local and state chapters to identify GIS support in those places.

#### Regional Projects, Matt Webb (Mara Kaminowitz unable to attend)

[http://msgic.org/wordpress/wp-content/uploads/2015/01/MSGIC\\_RegionalCaucusUpdates\\_20140723.pdf](http://msgic.org/wordpress/wp-content/uploads/2015/01/MSGIC_RegionalCaucusUpdates_20140723.pdf)

- Updates for Annapolis City, Anne Arundel County, Baltimore County, Frederick County, Baltimore region and Western Maryland.

#### State Projects, R. Provost and J. Cannistra (E. Lesh unable to attend)

- Maryland Statewide Address Initiative, Russell Provost
  - R. Provost – brought on a couple years ago to update a statewide address point layer
  - Have collected ~2.7 million points and currently only awaiting Charles County although they are supplying their centerline.
  - Data currently being processed and will be incorporated into Cascading geocoder and data extraction page.
  - No MOU currently exists with locals
  - Did update data extraction application.
  - Organized better and upgraded java script API.
  - Address Data submission now has been combined with centerline submission

- Some traction on the national level for a national address database. Census and the Department of Commerce said it was a great idea and need to get other agencies to sign on.
  - Department of Transportation has stepped up and offered to provide funding and infrastructure to host such a database.
- One Maryland One Centerline Project, Russell Provost
  - MPS submission requirements at the federal level have changed. (Dual carriageway, GIS Submission, etc.)
  - Taking this opportunity and the funds allocated to this to create one seamless statewide centerline (one geometry and one set of attributes)
    - Initial outreach meetings with all the counties with the exception of Kent County (scheduled for tomorrow) and Baltimore City.
    - Creating a statewide road closure application for collecting planned and emergency road closures for both state and local roads.
    - Working with NSGIC transportation committee and Mid Atlantic neighboring jurisdictions to evaluate edge matching and agreed upon snap to points.
    - Regional endeavor with a goal of a seamless regional centerline as well.
    - Next Steps: edge matching; created a work group to create centerline cartography and data model recommendations and standards; project update email will be coming out to all project partners.
- Statewide Aerial Photography, J. Cannistra
  - Western Shore flown this Spring successfully by Axis Geospatial and URS helping to manage QAQC.
  - Three by-up areas (Annapolis, Rockville, and Gaithersburg) – 6” to 3”
  - 6” imagery product a pilot project area has been produced about 70 map tiles being QAQC’d currently covering areas in Baltimore and Howard County.
  - First delivery area will be Northern Area this time – last time Southern Maryland was done first.
  - Late Aug – Dec production deliveries will be made and QAQC will be incumbent on the counties to review that data.
  - County’s will need to review that data fairly quickly
  - A web application has been developed (enhanced from what was used in 2011 & 2013)
  - Will probably set up a WebEx training through URS for those participating
  - K. Miller – the application is the same one that is used by URS to do their image QC.
  - An image product page in development on MDiMap portal.
  - Statewide imagery has been primarily supported by Emergency Numbers Board & some money coming from USGS so it is truly open data and publicly accessible data.
  - Google has been reaching out to some of the locals to use their imagery as a standard map service or their products.
  - Want to encourage locals to loop Kenny or Jim into those conversations.

**Question:** Is it all RGB?



- Core products are 4-Band (RGB plus infrared) , SID 3-band imagery and jpeg 4-band imagery so it's a full suite of products.

**Question:** Do the municipalities need to ask county?

- The state gets the imagery, they provide it to the counties who distribute to the municipalities and whom they want. Unless the municipality has purchased a by-up then they will get the imagery directly.

Local Projects, Matt Webb

[http://msgic.org/wordpress/wp-content/uploads/2015/01/MSGIC\\_LocalCaucusUpdates\\_20140723.pdf](http://msgic.org/wordpress/wp-content/uploads/2015/01/MSGIC_LocalCaucusUpdates_20140723.pdf)

- Updates from City of Annapolis, Anne Arundel County, Baltimore County and Frederick County.

Networking Break

## Presentation #1

Open Data Panel - Panel Discussion on Open Data in the Geospatial Community

Moderator: Jim Cannistra, MDP

Panel: Shelley Spruill, Maryland StateStat; Anthony Puzzo, Esri; Ewan Simpson, Socrata Montgomery County

Maryland Department of Planning, J. Cannistra

- Have sold data for last 16 years.
- PropertyView funded in part through revenue of data sold
- Last year with the help of MSGIC and a lot of other organizations throughout the state have changed their business model to support an open data initiative.
- Went live with Open Data Property Map Products page
- PropVlew about 20 different data sets (property information, tax map, parcel points, parcel boundaries when available, priority funding areas, protected lands, information from SHA, floodplains and collectively organized within an MXD .
- FinderQuantum – essentially the same data but bundled w/Quantum Open Source Project file with customized layers, queries, legends along with downloadable software.
- FinderOnline – web application for rapid access to parcel information
- Continuing to sell property tax maps individually (tiff and hard copy) with a minimal cost
- Current subscribers will continue to get dvd based products through rest of summer.
- For all the other requesters of data, locals, state, institutions, etc., available online through download
- Data Download Site – Very large zip files available
- Essentially goes to a DropBox folder for each county
- Site for people to provide their contact information
- Will send out website through MSGIC LinkedIn
- Will also be on the MSGIC blog to allow for the continued conversation of pros and cons to open data.

John Gillick, Montgomery County

- dataMontgomery open data website
- In 2012 Montgomery County Council passed Open Data act that required all the county departments to publish all their public data to one centralized website by 2018
- Launched the following day dataMontgomery with about 13 datasets most of which were maps.
- Today there are about 40 datasets representing 13 of their 30 departments.
- One of the features of the law was that they had to publish a timeline as to how they would put out, which turned out to be 550 data sets that were identified (40 of which already up there).
- Set a priority so that the most impactful would be published first not just the easy ones.
- Each department has to participate but not all data sets will be added.
- Food safety, alcohol violations, budget data, etc. and lots of maps.
- Being released today is Budget Montgomery so that anyone can view the budget data in bar charts and maps as opposed to thousands of rows in a spreadsheet.
- Planning 50 more data sets being released in the coming year, over 35 of them are maps.
- People respond well to maps

**Question:** Have you gotten any public response?

- Have seen some response about other non-County government agencies, like schools.

**Question:** What kind of relationship do you have with Parks and Planning?

- Have reached out to some of those non- Montgomery County agencies that have data that affect the county. Working on a pilot project to allow them to show how much they want to show. Examples include MNCPPC and WSSC.
- MDP and MNCPPC (Montgomery) have been openly sharing their data

**Question:** Interested in the discovery of redundancy?

- MoCo had a several month process where they identified duplicate datasets.

Chris Wong, Socrata & Shelly StateStat

- StateStat – performance management system built on City Stat implemented in Baltimore City
- Meet monthly about 16 state agencies, analyze tons of data and spreadsheets, identify trends in the data, present to the Governor and to at state stat panel including Legal, Budget and It, Minority Affairs, among others.
- Works very closely with Socrata where all this data goes online
- Goals tab – Connect data to goals page where progress is tracked in real-time where agencies are entering data.
- The Governor set 16 strategic policy goals and gave them all measurable deadlines.
- Maryland the only state Combining Open Data portal with Goals measurement
- The Open Data Continuum Slide
- Level 1 – Status Quo of publishing spreadsheets and PDF's on the web
- Level 3 – Searchable catalog rich metadata API accessible datasets

- Most City and state open data sites are running on Socrata which has been around since 2007
- Essentially data brokers - All cloud based with the ability to put data from different sources into the cloud and the ability to extract that data and view in apps, maps and charts.
- Data Catalog top most level with the ability to filter, view shapefile geometry, attribute and metadata before downloading.
- Example of NYC hackathon using open data to derive something new that the government might not have had the resources to or the foresight to explore it in that way.
- MicroSites are available for local municipalities to build off the State's existing Open Data portal.
- City of Frederick first to put theirs up and Mount Rainer and Rockville about to in the coming weeks.
- Can put up to 50 datasets and do what any other Socrata site can do, e.g., build charts, maps, download the data, etc.

**Question:** How do you manage the inquiries and comments once you open this type of data? Also, do you have any suggestions of managing the multiple versions that might be published in multiple locations?

- Representatives are always present at community events
- There is built in feedback
- Some also build in a shadow comments place for conversations

**Question:** Now that people can bring all these various data sets and overlay them is there any concern of some of the derivatives that can be drawn from combining these data sets?

- Montgomery County – All of their data sets have been vetted first. MoCo ensures that at each source level has removed all personally identifiable information.
- Mosaic affect – tying two datasets together where the result is more impactful than any of the original pieces
- Lesson learned that pushing out through a structured open data program can allow for more scrutiny than through a FOIA request.

Anthony Puzzo, ESRI

- Technology has changed and moved a lot in the last 6 years while working in Maryland
- Moving from a software company to a platform company
- Recommend attending the ESRI UC
  - Last year's plenary was amazing with over 16K in attendance
  - 2 Cabinet Secretaries
  - Dept. of Commerce - hiring a chief data officer for the country
  - Secretary of Education - the Connect Ed program
  - Director of NOAA – the first woman to walk in space
  - Different users presented including, Starbucks and Port of Rotterdam which are leveraging the full ArcGIS platform – enabling all employees and contractors to discover, use, make and share geographic maps and information anytime anywhere.

- 3 major parts of the platform : infrastructure (in the cloud or on premise); content (ESRI's or your own); Apps (Collector, Explore (iPad, Android), Dashboard)
- ArcGIS for Open Data App (released a week ago, beta at conference) [opendata.arcgis.com](http://opendata.arcgis.com)
- Gives users access to the raw data and allow for download in a raw format
- Open Data App included with ArcGIS Online
- If you have Desktop you have this capability.
- If you've made a map gallery you can launch an open data app.
- Flexible, secure and can make available to everyone
- Ex: DC Government GIS Open Data
- About 400 data sets and comes from the actual source and does not disrupt workflow
- Take those rest endpoints to find and explore data points - zoom, sort, filter, view metadata, and download (KML, spreadsheet, shapefile) or call through a API geoJSON geoservices rest endpoints , WFS and WMS.
- Can comment on datasets and even data points.
- Every feature has its own URL
- DC is mostly out of the box, has customized the footer
- Working with Maryland to customize their own brand for their Open Data Site
- Organized a lot of the data into Categories that comes from groups in ArcGIS Online
- New Open Data tab in ArcGIS Online
- 3 steps to configure your site: Give it a name, add groups, put in rest endpoints and tag as 'Open Data'

**Question:** Are there any additional credits that would be consumed?

- No, unless you are publishing a hosted feature service – that would.

**Question:** We know you have been working with the state of Maryland, are there any local jurisdictions that are in the early stages of implementing.

- Montgomery County, MNCPPC, localities in Virginia, Baltimore City
- Ask ESRI to provide some links of these examples where Open Data Sites have been developed.

**Question:** Is there a reason you are finding people are holding back? MSGIC are advocates in trying to educate those who are not necessarily core GIS users.

- Baltimore County for example has an open ftp site
  - Done because they were charging for data and was costing about the same in time and money to fill requests.
  - Unsure if there is a plan in the pipeline
- Putting out the data and linking back to the source is important and is good for transparency.
- Important to define what you mean as Open Data – For some if you ask, they provide it. For others, they have download capabilities and, other have download capabilities but with restricted use.
- [Open Data 500](#) – Great study by NYU GovLab

**Question:** How does this get communicated back to budget folks?

- In Maryland for example they have championed Open Data and to ensure it continues after him, the Governor signed into law that made it a requirement for state agencies to publish machine readable open data and created the Open Data Council.

**Question:** Is there an implicit license domain?

- MDP takes assessments data modifies and normalize it and put into GIS.
  - Does not include all the SDAT CAMA or Real databases
  - Has been determined as “being available”
- Question or concern came up that now there is more ease for obtaining this information, simply panning to a location and determining if there is a single woman who lives in a house - brings up security concerns.
  - That concern has been around for some time although the ease at which some data can obtained has greatedened.

**Question:** How do you keep everything up to date?

- [Socrata] Comes down to how often you want to update data and how sophisticated you are with building out how you connect to your data.
  - Have a publisher API and have lots of libraries that speak our language.
  - Can write your own java script or ruby scripts to pull data out of your system into theirs, 3<sup>rd</sup> party ETL tools that have ready to go Socrata connectors, light-weight tools for example a java program that allows you to sink to a single csv on your local file system
  - Examples of jurisdictions doing some interesting things with automated data updates
    - Seattle 9-1-1 – publishing their fire and 9-1-1 calls on a 15 min freq. Saving money and fielding information requests and phone calls.
    - NY City publishing the licensing list for drivers allowed to be on the road that day. Published daily. Vendors let drivers log into their system and use the data directly from the data portal. Locks people out who are not licensed.
  - [ESRI] Connecting right back to the live rest services
  - However that data gets published in that workflow can get organized and accessed through the app.
  - Organize your rest URLs in the app so that they are searchable.
  - App does the heavy lifting of calling the APIs and downloading it.
- K. Miller – MD using Socrata and also ArcGIS Online. They have seen how they can integrate these two products. Can the panel discuss where there might be redundancies or do they really support each other.
  - A. Puzzo – Thinks they complement them well. ESRI is interested in building out with Socrata and doing some data connections.
  - Socrata’s bread and butter is tabular data although this year they are building out maps more. They do have abilities to set up pointers to data anywhere on the web. One way to consolidate everything without moving data.

- The way MDP has organized their data -> Download is the more intensive and for your GIS users; Socrata datasets tend to be primarily tabular that might also be spatial enabled; MDiMap – is primarily spatial with some tabular information.
- Data.JSON – standard for servicing catalogs of data. Pioneered by Data.gov but for every socrata domain just add “ /data.json” get a giant json feed of the entire catalog. The idea was to aggregate lots of catalogs into one catalog.
- ESRI – working with large cities. About 80-85% is GIS or location data even more when it was looked through. This has driven the development of these apps, that and moving shapefiles has been a huge headache.
- K. Miller – the data versus information. For the agencies submitting monthly statestat reports, MD is linking that to the dashboard to provide information as opposed to just raw data.
- That is all freely available on github.
- Exactly what StateStat does connecting the data to charts and goals to get more meaningful information out of that data.

## Presentation #2

Presentations by Students highlighting current projects

GIS Needs Assessment for the City of Crisfield

Presenters: Leah Visakowitz – Salisbury University

**Question:** How was or is the city aware of the online GIS mapping services available?

Not aware at all. Hopefully after this they will be more aware.

**Question:** You mentioned working with Somerset Co, do they have GIS stood up there? Yes it is only one person though and she is incredibly busy supporting all those areas.

**Question:** What are the chances their might be a way to get the city a seat on their license? Could be a possibility.

**Question:** What about network accessibility? Only exists within city hall. Right now the fire department for example is not connected on a shared network.

**Question:** What is the population of Christfield? There is roughly\_\_\_. Also there is a population of folks that have second homes.

**Question:** Do you know how many parcels or buildings? No. They do have building footprints although not up-to-date as was apparent when Sandy came through. New buildings that were affected were not in the data layer yet.

Geospatial Analysis of Storm water Issues in Baltimore City

Presenter: Thayer Young – CCBC

**Question:** As new LiDAR comes in and better DEM's can be created, can they be easily added in to your analysis?  
Potentially, need a better LandUse raster

Geospatial App Development of the Seagull Century

Presenter: Joshua Souders – Salisbury University

(More Info) <http://www.seagullcentury.org/news.html?id=5921>

**Question:** Have you considered using the app for other marathon type events? Yes

**Question:** How did you download OSM tiles? There was a tool. Can switch back and forth when on internet.

### **Presentation #3**

Automating Quicklook Products for Emergent Events

Presenters: Christian Zumstein, Zekiah Technologies

<http://msgic.org/wordpress/presentations/#201407>

**Question:** Done in python? No some was staged in an mxd

### **Presentation #4**

Frederick County Project Tracking System

Presenters: Doug Reedy, Frederick County

[http://msgic.org/wordpress/wp-content/uploads/2014/10/GIS\\_Prj\\_Track\\_Sys\\_DReedy.pdf](http://msgic.org/wordpress/wp-content/uploads/2014/10/GIS_Prj_Track_Sys_DReedy.pdf)

**Question:** What platform was the application based off of? SQL back end and flex front end

New Business/Announcements

- Will likely come back to the membership about format of Quarterlies
- October Annual meeting format will likely be less like a typical quarterly.