



MSGIC Quarterly Committee Meeting

July 16, 2012 | 9 a.m. – 3:30 p.m.

Location: Brookside Gardens, 1800 Glenallen Avenue, Wheaton, MD 20902

Attendees:

Executive Committee:

Michael Scott, Salisbury University/ESRGC (Chair)

Jim Cannistra, MDP (Chair-Elect)

Julia Fischer, DoIT (Secretary)

David Gillum, Anne Arundel County Government (Local Government Caucus Co-Chair)

Patrick Callahan, Prince George's County Government (Local Government Caucus Co-Chair)

Roger Barlow, USGS (Federal Government Caucus Chair)

Marshall Stevenson, KCI (Private Sector Caucus Chair)

Mark Helmken, CGIS (Education & Outreach Subcommittee Co-Chair)

Scott Jeffrey, CCBC (Education & Outreach Subcommittee Co-Chair)

Members:

Tim Abdella, JMT

Jaime Alvarez, CCBC

PJ Anderer, Whitman, Requardt & Associates

David Black, Cecil County Government

Debbie Carpenter, Garrett County Government

Jen Chadwick-Moore, MHT/MDP

Nick Chamberlain, City of Salisbury

Bob Cicconetti, DNR

Mary Creamer, ESRGC

Brett Dobelstein, ESRGC

Steve Eick, Fugro EarthData

Tess Foster, Worcester County Government

Michelle Guck, USDA – NRCS

Kevin Holmes, U.S. Census

Kelly Henry, Worcester County Government

Liz Holtz, CCBC (Student)

Yeon Kim, City of Gaithersburg

Sarah Kozal, Washington County Government

Kathryn Kulbicki, Westat

Linda Loubert, Morgan State University

Stephanie Martins, Maryland Department of Planning

Lauren McDermott, ESRGC

Chris McGovern, Montgomery County Government

Ryan Mello, ESRGC
Kenny Miller, Department of Information Technology
Hermina Lisa Paczynski, Maryland Military Department
Graham Petto, Maryland Department of Planning
Doug Reedy, Frederick County Government
Marcus Rouhani, FDA
James Shaw, RK&K
Dan Smith, Chesapeake Environmental Science
Sandi Stroud, BMC
Nancy Takeichi, City of Bowie
Mohammad Tariq, Peak Technology
Apollo Teng, Montgomery County Government
Matt Webb, Anne Arundel County Government
Marc Weinshenker, City of Rockville
Tim Williams, City of Hagerstown
Susan Wooden, CGIS
Karen Zera, Ocean City

Guests:

Steven Anderson, Applied Geographics
Brad Arshat, Sanborn
Lucas Basdey, GPI
Kirk Eby, City of Gaithersburg
Aaron Feldman, Montgomery County Government
Molly Griffin, ESRGC
Bill Mernay, Straughan Environmental
Frank Rowe, ESRGC
Mussie Tewolde, Department of Juvenile Services

Welcome and Opening Remarks

- There were some problems with the email list serve and some people have not been receiving emails, this issue has been fixed

Project Updates

GIO Update – Kenny Miller

- Approved a budget within DoIT to move staff from other state agencies into DoIT, position and money
- Staff has grown from 2 managers to include 4 others, effective July 2nd
- 3 working out of Annapolis and 1 still working out of DHMH and will be working with MDP in the future
- First work day after the Derecho storm causing the power outages along with the heat wave, doing mapping on the first day

- Moved over to DNR putting together maps on power outages by ZIP code at 4 hour intervals
- Heat-related issues became the next concern, captive residents getting the support and power back as needed
- Working with staff in EOC (Emergency Response Center), getting access to databases and asked to mapped new data sets
 - Mapping calls related to EMS calls for heat related issues
 - Matching up reports of deaths with service calls
 - Directing volunteer forces to make sure that folks were getting their power back on as suggested by power companies
 - Coordinating with vulnerable populations (senior centers, senior housing, etc.)
 - Working to sort through the databases from multiple sources
 - Looking to automate these processes in the future
 - Seen improvements in service immediately after bringing the group together, consolidation
- 2 part consolidation (GIS and Web part)
 - Already had an opportunity to work together to provide information and do it in a smarter way
- Executive Steering Committee membership has been finalized
 - Number of state agencies and individuals have been added to the group, which has a wide representation throughout the state and throughout various disciplines
 - First meeting being scheduled and will guide the state of GIS across the state
 - Represents adding to the group those viewpoints coming from the local government, academic and private industries
 - Within the past year built up a staff, a budget
 - Obtaining consultants to convert Flex maps to an iPad accessible programming language
 - Want to get the information on as many devices as possible
- Working to manage expectations from management whenever expectations are being requested

Question: Data Acquisition Plan?

- Fly Eastern Shore as an update contract in place
- Want to continue to collect every 2 – 3 years
- Addresses are an interest, most local governments have this information, want to make relationships to integrate them at a state level
- Parcels have been made available for all counties, but individual databases without consistent standards and not edge matched
 - Want to create that statewide dataset to make available
- Going to need to get outside help to get these things together

Question: Executive Committee moving away to state agency focus, document defining what the expectations are for the group

- First order of business of the last group was to create a charter document
- MSGIC is and will always play a big role in assisting the collective GIS community in the state
- Always going to be a MSGIC rep on the Executive Committee

- Rule by consensus group and not something that requires a vote
- New Executive Order issues which is laying out some of the framework of this group
- Some of the people are 2 year terms and some are 3 year terms to allow for staggered representation on the committee
- Significant effort to get diversity of geographic, gender, racial, agency and area of interest
 - 18 or 19 people who applied and happy with the level of interest and diversity of representation
 - Thank you for those who applied
 - Opportunity to try again in the future
- Statewide GIS Conference – 1 day is being explored at Towson University
 - Jay Morgan has passed off the responsibilities of this conference after 25 years
 - TU Geography Department and GIO Office is looking for MSGIC participation to make the future of this conference successful
 - Make this TU and MSGIC Conferences

MD iMap Technical Committee – Julia Fischer (PowerPoint Available)

ArcGIS Online Premium

- Recently mapped power outages by ZIP code utilizing ArcGIS Online Premium & Standard
- Quick turnaround to provide interactive application for utilization on mobile and desktop devices
 - Can be viewed by Apple mobile products
- Some issues were encountered concerning implementing the application quickly and updating quickly, on regular schedule
- Working on troubleshooting and finding alternatives for getting map deployed
- Working with Esri to debrief process to determine best course of action for future deployments

Google Maps Engine

- Working on a pilot with Google to test the capabilities of the Maps Engine product
- Pilot also includes demonstrating conversion of Cycle Maryland application to Google-based application
- MDP, DBED, SHA, MDtA and GIO Office have been participating in this process
- Maps Engine product allows for:
 - Loading data (vector and raster formats)
 - Limited customization of symbols and pop-up window content
 - Having some issues with browsers, need to use IE9 or higher or Chrome

FY13 Initiatives

- MD iMap Migration to 10.1 (Anticipated January 2013)
- MD iMap Access through SwGI
 - More affordable for agencies to connect internally, rather than having to engage external party contracts for internet connectivity
 - Allows for connectivity to a state-only ArcSDE through MD iMap

- Cascading Geocode Service
 - Allows for geocoding by places such as parks, state buildings, etc.
- Socrata REST Endpoint Data Download
 - Allows for downloading data through a link via the REST endpoint to a .zip file

Map Service News

- Parcel Data
 - Polygon coverage now available for entire state
- New Maps Services
 - Mean High Water Service (*InlandWaters*)
 - CIR Service for Western Shore Imagery (*ImageryBaseMapsEarthCover*)
- Reminder: Map Service Search Engine
 - Portal > Service Tab
 - Allows for keyword search of all available map services
- Updated Services
 - Unemployment
 - Rural Legacy
 - Program Open Space
 - Maryland Environmental Trust
 - Composite Imagery
 - 6" Imagery

Application News

- New Applications
 - PollMap (<http://www.statestat.maryland.gov>)
- Updated Applications
 - Budget Map
 - State Stat
 - Tree Planting
 - Stream Health

Additional Items

- Brian Sivak has left State government
- Beth Blauer – head of StateStat office is leaving at the end of this month

Next Technical Committee Meeting

- Tuesday, July 17th (1 – 3p.m.) @ MDE
(1800 Washington Boulevard, Baltimore, MD 21230)
- Call-in Number: 410-537-4281
- Participation: Open & Welcome
- Meetings: 1st & 3rd Tuesdays of the Month
- Contact: Julia Fischer (julia.fischer@maryland.gov) or Frank Siano (fsiano@mde.state.md.us)

Federal Program Activities – Roger Barlow

Census Bureau

- Urbanized areas released in late March, download census.gov/go
- Account resolution program – contest census counts – working Allegany

- Geographic support system initiative – address features sets and transportation authority feature sets
 - Continue w/or not continue with targeted canvassing will be decided based on this information
- Talk about how files can be obtained and included in the census data
- American Community Survey will continue, increase sample size has been proposed to increase accuracy of data
 - MDP has drafted a letter to advocate the continued availability of that data
 - Would it be useful to write a letter to the organization or Senator Mikulski to advocate
 - Timing for this letter – sooner rather than later
 - Provide agency specific letter and customize for MSGIC community
- 1940 census enumeration maps have been released on National Archives website for those interested in family history, etc.

LiDAR Status

- Wicomico and Somerset 1 27th arc second (1 point for .6 meters) LiDAR data – capable of 1 foot contours
 - Delivery scheduled by end of July to NRCS
- Shoreline derivation – first pilot in NJ has been completed successfully, to be submitted for review – continuously updated shoreline program repository – 1 2400 scale project from vertical datum software
 - Presentation being created and to be presented in October
- Allegany-Washington-Frederick County LiDAR to be delivered to FEMA late August
 - Distributed to Maryland (Salisbury University) to occur afterward

National Capital Region Geodata Spatial Data Exchange

- Not open to public place to put geospatial data for homeland defense mission
- Make sure base data is available for this resource
- Robert Horn and Heidi Hammel leading this project

USGS changed distribution of Ortho policy

- Starting in May Ortho imagery available from USGS at smallest scale 12” pixel, compressed 10x
 - Server space issues and not enough funding to show full resolution
 - Won’t be displaying 6” imagery online
- Distributed project will include full resolution
 - Anything contracted will be full resolution
- Map service will be 1 foot
- Download capability may change – Roger to follow up
- Also applied to USGS National Map orthoimagery viewing platforms
- Official policy has not been document

DC did not fly Ortho imagery this past spring

- 1 foot resolution is not made public by USGS

- Delivery expected in August

Training for national hydrographic dataset

- Site still being determined (Towson or MDE)
- Training to occur in September
- Watershed boundary dataset – MDE is state steward – 1:2400 scale hydrography down the road once everyone has been trained to use NHD software

April Ortho Close Out meeting was participated in and was useful

FGDC NSDI 2012 CAP Grants

- 2 CGIS statewide inventory, cloud application
 - Both kicked off in June, planning process
 - Inventory – fall semester intern to be hired
 - Cloud – timing of moving from 10 – 10.1 to have everything on same platform – more info in Oct

State Business Plan Updates

Parcels – Jim Cannistra

- Working with a lot of counties to integrate MDP tax map data with counties parcel base
- Last year worked with a few counties and this year working with a few more
- Marry the data and information with tax maps with what county has and reconcile discrepancies and publish maps with common spatial framework for tax mapping purposes
- Work with each county for maintenance process and cycle, each are a little different
- Finder Online – web-based product for viewing parcels – old ArcIMS application which is being revised and updated
 - State agencies can use as part of MDPV product
 - Subscription based application
- Finder – MapObjects based application is being used for basic desktop capabilities for users
- Proceeding with Quantum GIS as an update to the Finder product
 - Developers, real estate reps, lawyers are the main user base
- Working with counties to realign datasets to the parcel base
 - Big emphasis on sewer services
 - Consolidating data into a statewide version and making map services available

Orthoimagery – Jim Cannistra (PowerPoint Available)

- All imagery has been delivered and distributed to counties and utilities
- Important that data be available for download at full resolution
- Data has been provided to USGS and was counting on for users to be able to download data from USGS site
- Counties are distributing the data and MDP is also and over 20 – 30,000 tiles are being distributed

- 2013 plans to fly eastern shore – forum in fall to discuss how western short specifications were different from eastern short and incorporate lessons learned into next collection
- Use contract vehicle to get updates for other counties looking to get collected in 2013
- Advanced notice that available funds or needs in 2013 on western shore, let Jim know ASAP
- Put together an ArcGIS Online application to compare the 2 different collections of imagery to support growth trend analysis
 - Available URL

Question: Has the Numbers Board approved the funding for orthoimagery fly over?

- Haven't gone to Numbers Board yet, but they seem interested
- Know the baseline costs and like lock in early fall
- Going to Numbers Board? – solicit letters from counties for support – October
- Cecil County is willing to come out in support of the fly
 - Need a county to submit paperwork and handle the funding
 - Howard County might also be willing to be a sponsor
 - Would be good to have a eastern shore county to sponsor the initiative

FGDC NSDI 2012 CAP Grants – Jim Cannistra (PowerPoint Available)

- Looking at where we are with parcel data and where we need to go
- Notice to proceed in June, just starting process
- Identify stakeholders and a steering committee
 - ID 4 or 5 people to serve as clearinghouse, pool of knowledgeable experts to review documents that are produced – open call – contact Jim
 - Contract is for 18 months, ideally work will be done in 12 months – couple meetings and workshops
- RFP for consultant to poll and facilitate workshops
- Currently reviewing other state's activities – data download site, what attribute information do they collect
 - Have an inventory of all 50 states
 - Maryland is fairly advanced compared to many other states – data download is one area where we are behind
 - One other state that has as ambitious a cost recovery process as Maryland (Tennessee) - \$80,000 to get all parcel data for the state
- Acknowledge Mike Scott efforts as Chair this year – communications has been good and accomplished a lot
- Being able to bring people in and communicate professionally and learning new technologies
- What you learn today might help you in the future – technologies, people, process, projects

Address Points – Mike Sheffer

- Making another effort to work with SDAT to include data which is being included by MDPV and the changes and corrections that have been made through their processes of data integrity

Centerlines – Mike Sheffer

No updates at this time

MSGIC Establishment of a Non-Profit Corporation – Michael Scott (PowerPoint Available)

MSGIC Steering Committee Report

- MSGIC applied for and was approved as a non-profit organization
- Kicks off today with new slate of officers
- Doesn't mean a lot today
- Legal and a checking account
- Where we're heading next
 - Number 1 goal is communication
 - Is always tough to do with an all-volunteer force
 - Discussed if we had an intern(s) to keep communication going
 - Conversation arose about how to pay for internship
 - Companies and individuals have both voiced interest in helping to pay for this
 - We didn't have a mechanism for making this happen
 - Steering committee came up with recommendations for how to make this happen – put together some ideas
- Two main areas: could affect by-law changes
 - What are the existing benefits of being a MSGIC member?
 - Sponsors can have their logos placed on the website
- By-laws don't currently allow for creating membership or charging dues – adding to by-laws membership levels and dues are allowed
- Not a document you want in your by-laws, but just the agreement that the by-laws are added with ability to have dues and a policy document that sets the specific dues and allows for changes without changing by-laws
- Thought about an agency purchasing a tier group for a number of memberships, but did not consider if one state agency could buy on behalf of a number of other state agencies
 - Similar to ELA – one check to cover a broad audience of groups
 - What would a fee like this look like
 - Sponsorship would allow for open membership potentially
- By-laws require 2 week notice before vote can be made to change the by-laws
 - First round would be 18 months to allow for building into future budgets

Question: Discussed how funding would cover the needs/initiatives of the group in the future?

- Someone applies for an internship with MSGIC and they would receive a stipend and they would report to one of the subcommittee chairs
- There are some expenses, web space, since we are currently living on DNR and will need to move over to MSGIC.org
- Will need to pay for copies and other incidentals

- Don't yet have a sense of how much revenue would be generated from dues
- Would come back to membership for discussion if there is a large influx of funding
- There is no intention to have committee members receiving salaries
- Currently have 750 members – had 130 members voting in the elections
- Not yet determined if dues are required to attend meetings

Subcommittee/Caucus Guidance

- Charter will be updated every other year by chair
- Allow for more transparency of subcommittees and give them more backing and outreach for participation
- Caucus chairs will be required to know who is on their caucus and required to go out and get a real feel from members
- Language of the by-laws change and a ballot will be delivered 2 weeks from today at the earliest
- Anticipate by middle of August

MSGIC Elections

2012/2013 Executive Committee Elections Results

- 133 total votes
- Election Results:

Chair:

Jim Cannistra, Maryland Department of Planning

jcannistra@mdp.state.md.us

Chair Elect:

Mark Helmken, Towson University Center for GIS

mhelmken@towson.edu

Past Chair:

Michael Scott, Salisbury University/Eastern Shore Regional GIS Cooperative

mssocct@salisbury.edu

Secretary:

Julia Fischer, MD Geographic Information Office (DoIT)

julia.fischer@maryland.gov

Treasurer:

Doug Reedy, Frederick County Government

dreedy@frederickcountymd.gov

Data and Resources Subcommittee Chair:

Patrick Callahan, Prince George's County Government

ptcallahan@co.og.md.us

Education Subcommittee Chair:

Lauren McDermott, Salisbury University/Eastern Shore Regional GIS Cooperative

ldmcdermott@salisbury.edu

Outreach Subcommittee Chair:

Scott Jeffrey, Community College of Baltimore County

sjeffrey@ccbcmd.edu

Grant Development Subcommittee Chair: TBD

State Government Caucus Chair:

Jen Chadwick-Moore, Maryland Historic Trust/Maryland Department of Planning

jchadwick-moore@mdp.state.md.us

Local Government Caucus Chair:

Shawn Wampler, City of Annapolis

swampler@annapolis.gov

Regional Caucus Chair:

Sandi Stroud, Baltimore Metropolitan Council

sstroud@baltometro.org

Federal Government Caucus Chair:

Roger Barlow, U.S. Geological Survey

rbarlow@usgs.gov

Private Caucus Chair:

Marshall Stevenson, KCI Technologies, Inc.

marshall.stevenson@kci.com

Education Caucus Chair:

Jamie Alvarez, Community College of Baltimore County

jalvarez@ccbcmd.edu

Presentation #1 – Stephanie Martins & Graham Petto – MDP (PowerPoint Available)

“Septic Tier Mapping to Support the Sustainable Growth and Agricultural Preservation Action of 2012”

Presentation #2 – Marc D. Weinshenker, Ph.D., GISP – City of Rockville (PowerPoint Available)

“Municipal GIS Uses and Applications”

Presentation #3 – Steve Anderson, Sr. Vice President, GISP – Applied Geographics (PowerPoint Available)

“Trends and Issues in GIS Application Development – AppGeo’s Perspective”

Presentation #4 – Chris McGovern, GIS Manager – Montgomery County Government (PowerPoint Available)

“Maryland National Capital Planning Commission: GIS Activities and Applications”

Next Quarterly Meeting – October 2012 (Frederick County)