



**MSGIC Quarterly Committee Meeting**  
 October 16, 2013 9a.m. – 3:00p.m.  
 Hagerstown Community College (Hagerstown, MD)  
 Career Programs Building, Room 211/213



**ATTENDEES:**

**Executive Committee:**

Mark Helmken		Chair
Julia Fischer	MD Department of Information Technology (DoIT)/ GIO Office	Chair Elect
Jim Cannistra	MD Department of Planning (MDP)	Past Chair
Doug Reedy	Frederick County Government	Treasurer
Theresa Martin	City of Laurel	Secretary
Erin Lesh	MD State Highway Administration (SHA)	State Government Caucus Chair
Roger Barlow (Phone)	US Geological Survey	Federal Government Caucus Chair
Marshall Stevenson	Whitney Baily Cox & Magnani	Private Industry Caucus Chair
Patrick Callahan	Prince George's County Government	Data and Resources Subcommittee Chair
Michael Scott	Eastern Shore Regional GIS Cooperative (ESRGC)/ Salisbury University (SU)	Grant Development Subcommittee Chair
Ashley Buzzeo	Center for GIS at Towson University (CGIS)	Outreach Subcommittee Chair
Barney Krucoff	MD Department of Information Technology (DoIT)/ GIO Office	Maryland GIO

**Members:**

Doug Adams	Baltimore County	Anthony Puzzo	ESRI
Sandy Baber	Carroll County	Joe Rathvon	Washington County
Allan Blades	Axis Geospatial	Ardys Russakis	CGIS
Tom Earp	CCBC	Erin Silva	SU/ESRGC
Steve Eick	Fugro Earthdata	Rob Slivinsky	Howard County
Jerry Einolf	SHA	Kevin Stevens	Carroll County
Robert Gelner	MNCPPC - PG Planning	Josh Sturgill	City of Annapolis
Bud Gudmunson	Washington County	Adam Travis	Phoenix Engineering Inc.
Greg Hildreth	Allegany County	Missy Valentino	
Mara Kaminowitz	Baltimore Metropolitan Council	Emily Varga	Carroll County
Jennifer Kinzer	Washington County	Gary Waters	ESRI
John Knowlton	URS Corp	James Watson	State Archives
Patrick McLoughlin	Spatial Systems Assoc.	Marc Weinshenker	City of Rockville
Tunde Oyinloye	Baltimore County	Tim Williams	City of Hagerstown
Bonn Poland	Washington County	Eric Williams	STV Incorporated
Kevin Powers	SHA	Susan Wooden	Independent - GIS Writer
Russell Provost	ESRGC / DoIT	Charlie Wrenn	PGCO Fire/EMS



Remarks from Site Sponsor –Adrienne Summers (Hagerstown Community College)

Opening Remarks - Mark Helmken

Caucus Vacancy – Regional Caucus Chair

- Nominations are open to general membership.
- Send nominations to [Mark Helmken](#), [Julia Fischer](#) or [Tari Martin](#).
- Nominations close on the 23<sup>rd</sup>.
- Electronic ballot will be sent to those Caucus members who can vote for that Chair.
- Voting by Caucus members ends on the 30<sup>th</sup>.

MSGIC Membership

- Dues Collection (Annual)
- This meeting last year membership voted to become a 501(c)3 and changing of organization structure to be able to collect dues and have sponsorships or other ways of financing.
- Last February sent out a questionnaire to find out what the membership wanted to see of MSGIC, what the priorities should be, and a proposed dues structure.
  - There were 133 respondents of which 72% favorable to collecting dues.
  - 4 Priorities:
    - GIS Advocacy
    - Data Enhancements
    - Technical Training
    - Professional Networking Events
- Membership Rate: \$50 Individual / \$10 Student
- Due Jan 1, 2014 (fiscal and calendar year are the same)
- Dues have been open since July 1<sup>st</sup> which covers entire period thru Dec 2014.
- There will be a 90 Day Grace Period
- Maintaining two types of communication to include those who do not become paid members after the 90 days.
  - Listing of MSGIC members (paid up) and General MSGIC contact or information list for anyone who wants to come to meetings.
  - Can pay by check or via PayPal online.
  - Form available online.
  - Additional options for those who need an invoice:
    - Can print and fill out and email to Doug who will send an invoice.
    - Can send you a PayPal or a regular invoice if you are cutting a check.
  - Important for members to update contact information online.

**Question:** Has there been any consideration for corporate memberships?

- Yes, Corporate Sponsorship is \$700 which includes unlimited membership for anyone listed by the organization.
- Organizational Tiers also available starting at 5 people for \$200

**Question:** Can you go into further detail on each of the Tiers?

- Organizational Tier 1 (Up to 5 memberships) \$200.00
- Organizational Tier 2 (Up to 10 memberships) \$300.00
- Organizational Tier 3 (Unlimited memberships) \$500.00
- Sponsor \$700.00 (Unlimited memberships). Includes additional opportunities such as having their logo displayed and priority for giving technical presentations at meetings.
- Sponsor a meeting or sponsoring an event - \$200

## Web Site – [msgic.org](http://msgic.org)

- Previously hosted by DNR and Mike Scott has been paying the monthly fee
- Site up and running, now working on enhancements
  - EX: GIS Day – Would like to promote GIS Day events on website.
  - Asking for all events big or small that might be of interest to membership.
  - Requesting info or links to event details.
  - Can send to Ashley – Outreach Subcommittee Chair

## Executive Committee

- Made up of officers, Caucus and Subcommittee Chairs elected by the membership.
- Open to all MSGIC members. Only executive board can vote.
- Meeting currently at the Heritage Complex in Anne Arundel County on the second Wednesday of the month at 9 AM.
- Encourage membership to view minutes from meetings.
- Last year voted to become a 501(c)3 and thus had to vote on some bylaw changes.
  - As a result have had to go through bylaws to ensure organization is set up correctly.
  - Plan to bring comprehensive vote on multiple changes to MSGIC membership rather than do it piecemeal.
  - Either Survey Monkey or Email blast with link to vote coming.
- Encourage membership participation either in Caucus and/or Subcommittee groups.
- Chairs of these groups are energized - encourage membership to listen to presentations this afternoon and join.
- Subcommittees are required to develop a charter and set goals.

## MSGIC membership

- One of the priorities is technical trainings and certifications.
- Members are receiving CEU credits for attending quarterly meeting today.
- Hope to make that happen at each quarterly but will rely on the organization and the presentations.

**Question:** Does MSGIC have a plan to be set up as an authorized trainer with DLLR Survey Community and AICP for Planners?

- That level of detail has not yet been discussed but can be explored.

**Question:** What about for members pursuing GISP, is attendance being taken?

- Yes, and names are listed on minutes which are posted to website.

## Project Updates

### [Financial Report – Doug Reedy \(Frederick County, Treasurer\)](#)

#### New Sponsors and Organizational Members

- Sponsor: Spatial Systems Associates, Inc.
- Organization Member: Howard County Government

#### Recent Activity

- Mike Scott provided donations in kind and secured the MSGIC Domain and has been paying for it and webhosting.
- With help from membership fees and sponsorships now in a position to take over.
- The Executive Committee has approved a tax and accounting consultation expenditure to review the organizations current tax status and financial procedures.

#### Nonprofit Status

- Application sent to IRS in March and has been assigned to a specialist.
- MSGIC is recognized as a Non-Stock Corporation Nonprofit within the state of Maryland.

- MSGIC account balance as of 10/14/2013 - \$7,502.05
- Current expenses are PayPal transaction fees.
- Looking to identify more member services with income.
- Taking recommendations from Survey Monkey that went out previously.
- Executive Committee passed rules on how the group can spend money which and can be found in the [Expenditure Guidelines](#) documents on the website.
- Document put together with assistance from Doug Adams.

#### GIO Report/MD iMap Executive Committee Update – *Barney Krucoff (DoIT, MD GIO)*

- 2 years ago gave 1<sup>st</sup> GIO report at a MSGIC quarterly – group has changed greatly in that time.
- A much more mature organization, working thru bylaws, etc.
- Very impressive – not easy to change a voluntary organization.
- Often confusion about [MDiMap](#) and MSGIC.
- In regards to MSGIC, MdiMap is just one player in the room.
  - MDiMap is more state-focused.
  - MSGIC has its own .org website, not on a state website.
  - State website has some content that MSGIC used to post like where to find data.
  - Alternatively MSGIC content includes events and is a place where all the players come together.
- A lot on the agenda about data projects: Address Point Project, Street Centerline Project, State Cascading Geolocator, Orthoimagery, Parcel Initiative.
  - Committed to working on the streets and address points project closely together.
  - Looking at potentially a ‘unified-ask’ – How could state agencies ask for data once a year as a potential scenario.
  - Local feedback has been – “It would be great if we were only bothered once a year.” Or, “If it is unified I may not have control over where my data is going.”
  - Orthoimagery – Eastern Shore imagery is coming in, Howard County imagery already online.
  - Big initiative in Fall on the legislative budget side to make the state parcel data (PropertyView) not paid for by subscription.
    - Asking the Department of Budget & Management to walk away from the revenue MDP brings in which may be a tough sell.
  - If it is sold to some folks than it cannot be distributed like the rest of their data sets which contradicts the goal of trying to removing licensing barriers.
- Applications – Maryland.gov
- State homepage has been updated.
- Agency pages are changing ([MEMA](#), [Veterans Administration](#), [Smart Green and Growing](#), etc.) and the way mapping applications are fit into those pages is changing.
- Have to think of Mobile first.
- Using ArcGIS Online for Smart Green and Growing template.
- Updates to Emergency Management and Situational Awareness including MEMA’s Osprey dashboard.
- Change at MEMA – Mick Brierly has moved to FEMA. Jason Kepler now GIS WebEOC lead. Vacancy to be posted shortly.
- MSGIC quarterly meeting small but get people from all over.
- [TUgis Conference](#)
  - The one time we try to get everyone together in one place.
  - MSGIC key in planning including (Towson & State GIO )
  - Ann Miglarese (previously with EarthData and now starting up new satellite company) will be the keynote speaker.
  - Conference Date – March 18<sup>th</sup>.

- [MDiMap Portal](#)
  - The 'Support' tab shows how agencies and regions are broken up.
  - GIO Office here to support and assist with using state resources.
  - Would like to show up and your events.
  - Goal to help the 'GIS Engine' run as smoothly as possible.

**Question:** Do you see any legislation coming that might be changing how we do business?

- New Committee on transparency. Chairman of that committee, Senator Ferguson, came to speak with "us" and the StateStat group. Could be legislation around getting more Maryland data out on portals. Could affect the PropertyView discussion. Seeing interest from non-traditional GIS groups. For example, Barney and Jim have an upcoming meeting with Developers.
- Major Bay legislation appears to be through at this point although still playing out. GIS community has a lot to gain as the state is more heavily relying on Geospatial technology to generate revenue and influence policy. Investments will need to go back in the data if going to generate revenue and affect policy.

**Question:** Where can we expect MD GIS community to announce these types of changes?

- Will not be on state website. This is where MSGIC is better suited. As a 501(c)3 can choose what to follow, announce and promote (potentially). Barney will pass along info to MSGIC as it comes up.
- Quarterly in January will likely be a time to put these types of activities and pending legislation on the agenda.
- The PropertyView initiative and MSGIC's support should be the power of this group. Members of Executive Committee could put together a formal letter and potentially visit with legislature to explain why this is a good thing.

**Question:** Do we have an idea of what our limits are as an organization? As soon as we take a side do we risk becoming lobbyist?

- Cannot receive payment but can say where we stand as an organization, encourage membership, etc.

#### [MD iMap Technical Committee Update – Julia Fischer \(DoIT, Vice Chair\)](#)

- Available GIS Software – (2) ESRI ELA Resources:
  - MD-Esri ELA: provides access to State Agencies and their contractors
  - ESRI K-12 ELA: available to MD public and private K-12 schools

**Question:** Do we know how this is rolling out? Can we have them come out discuss where the road blocks are and see how we can help?

- IT loading software and getting data through firewalls
- Teachers could use help put together packages – data and tools. Teachers do not have time to become GIS experts.
- Website may be an opportunity to put resources out there.
- Eric Cromwell putting together ArcGIS Online and website resources to connect state with teachers.
- In Hagerstown /Wash Co – just in the beginning in the Administration only currently.
- Can be used in the Administration and Instruction.
- Anthony Puzzo can find out who is active and participating.

**Question:** Do we know who the point person is at the Maryland Department of Education?

**Action Item:** Julia will look into.

- Could be a great outreach opportunity for MSGIC and potentially partner members with each of the schools.
- Put something together like a 2-wk workshop for teachers in the summer.
- Review the technology and help them put together a lesson plan.

- Last year did a showcase at Towson on STEM. Had a lot of K-12 teachers who were using GIS. A big item for the teachers was doing some kind of camp where they could learn how to use the software and get continuing education credit.
- Julia meeting w/MSDE, their CIO and their IT folks. Will use that as an opportunity to open that relationship w/MSGIC and MDiMap.
- Timing may be critical to ensure continued support for the program.
- Software loaded on machines in Howard County for Homeland Security Class.
- Application Template Update
  - Available to everyone on [imap.maryland.gov](http://imap.maryland.gov) or through [github](https://github.com)
  - Improvements continue to be made.
  - Can download entire template and run on any web server, is fully configurable or can run straight from the download.
  - Only ask if tools or widgets are created that users share back to that github account.
  - Fully integrated with ArcGIS Online and available to those who have an ArcGIS Online for Maryland account, under 'Create a Web Map' as an available template.

**Question:** Do you think the state will go beyond asking for data, support locals on charting where the applications are going? Could use some data development and data discrepancy applications? Could use a lot of support for the back-end to create all this data.

- A lot of this is creating that foundation so that anyone using the template can focus their resources on the tools and widgets.
- Presentation #2 will show ESRI roads and tools as an example of how locals will be able to use this back end tool to get data.
- DOIT tends to get more requests for front-end applications.
- See roads and highways tools as a start
- Smart Green and Growing Atlas
  - Ability to add data on the fly one of the biggest recent additions to template
- MDiMap Portal continues to be updated in an effort to be a one-stop place to go for data and state-wide initiatives.
- Upcoming Meetings
  - Executives meet on a quarterly basis. Next meeting TBD.
  - Next Technical Committee meeting is on 11/5 and is open to all.
- Upcoming Events - GIS Day @ MDE and GIS Day @ SHA
- MDE event day corresponds w/Executive Committee meeting, may look to integrate.

Federal Program Activities – Roger Barlow (USGS, Federal Caucus Chair)

Not able to attend

Business Plan Workgroup:

[Orthoimagery/Parcels – Jim Cannistra \(MDP, Past Chair\)](#)

- Orthos were flown in spring of 2013 and are well into production phase.
- RFP has been drafted and in procurement stage for the next round of aerial photography.
- A lot of the data is already posted to MDiMap, including Howard County and Southern part of the Eastern Shore.
- Central part of Eastern Shore will be available shortly.
- Roger Barlow very instrumental in the design, planning and prioritization and helping to get proposals submitted by state of Maryland to the top USGS cue to projects awarded to Sandy relief funds.
- MDP / County Integrated Parcel Initiatives - Beginning production work for 2014 counties will then leave Central MD to be completed
- MDP Parcel data products
  - Released enhancements to Finder and Finder Online.

- [Finder Quantum](#) – Uses quantum GIS software and it bundles MDP data into a customized application or project file.
- Available now and rolling out with counties.
- 2 core products – MD PropertyView (ArcGIS) and FinderQuantum (Open Source)
- MDP received kudos in Bill Dollins blog [geoMusings](#) for their QGIS product.
- Finder Online – State and Private commercial subscribers – a web based mapping application for reviewing the property and other ancillary data.
- Evaluating with how they can provide this tool to the counties.
- It is the only online app that has access to all the property information and tax maps.
- Open Data Goals
  - Goal is to give access to everyone
  - Move away from shipping DVDs but have subscribers who can go to a download site
  - Would like to have on MDiMap, more than parcel polygons with link to pull up SDAT record to include all available data in a feature service.
  - Enterprise GDB so that all state agencies are accessing the same data
  - Trying to build support - Presented to MDimap Committee; attended meeting with Governor’s Chief of Staff and State Stat Open Data Portal meeting; and testified for Joint Committee on Open Data and Transparency Legislative task force.
  - Getting budgets in place for next fiscal year (July 1).

#### [Addressing – Russell Provost \(DoIT/ESRGC\)](#)

- Began collecting data from locals about 10 months ago.
- Feedback on data returned to indicate how data was massaged to conform to the state standard.
  - Data itself was not changed.
- In the process of collecting data from counties via ftp and working to utilize replication process with those already submitting to BMC.
- Address improvement plan – Not requiring the same schema from locals but maintaining the same type of information which will be imperative as we move to Next Gen 911.

#### **Presentation #1**

(Postponed)

#### **Presentation #2**

##### [One Maryland, One Centerline: An Overview of How Esri Roads and Highways Can Be Leveraged by Maryland State Highway Administration’s \(SHA\) Centerline Initiative -](#)

*Erin Lesh (SHA), Jerry Einolf (SHA), Gary Waters (Esri), Marshall Stevenson (Whitney Bailey Cox and Magnani -SHA Consultant)*

Erin Lesh, SHA

- SHA – Has been maintaining its own state-wide street centerline data which is different than what the locals have. SHA centerline driven by federal reporting requirements dependent on linear referencing
- Locals – Centerline data is more reliant on addressing which is necessary for public safety.
- Due to new federal regulations and with the support being given by the Stat GIO, believe they will be successful in creating *One Maryland One Centerline*.

Jerry Einolf, SHA – HPMS coordinator

- Highway Performance Monitoring System (HPMS) is the official federal government source of highway data.
- Most importantly, it is used in the apportionment of Federal Aid Highway funds.

- MAP-21 will require states in 2014 to require dual carriageways and all publicly maintained roads as part of the GIS component of the HPMS submission.

#### Gary Waters, ESRI

- *Holy Grail* of data sets - Supports LRS, geocoding, addressing, routing, and is sustainable.
- ESRI Roads and Highways tool:
  - Web-based environment to expand out who can add and edit this data.
  - Allows for the attachment of files.
  - Time aware.
  - Data can be synchronized that is stored in multiple databases.
  - Help with production of Map21 files that need to be submitted.
- Have been using 3<sup>rd</sup> Party Conflation Tools in testing to find anomalies and for edge matching.
- ESRI core product development team in alpha phase of its own conflation tool
- First step is to get all the local datasets into a statewide connected centerline.
- Likely because of the level of sophistication of GIS and data in Maryland, localities would do a periodic upload as the workflow for sustaining the state-wide centerline file.
- Some states are opening up the desktop software directly to the locals allowing them to edit directly.
- Collaboration would allow for consolidated data back to the locals that SHA maintains e.g., traffic counts, roadway inventory or functional class, etc.
- Would benefit the Emergency Management community who might want the ability to route from one side of the state to the other for evacuation purposes.

#### Marshall Stevenson, WBCM

- State and Local Partnership.
  - State not looking to change geometry.
  - Locals are authority on local roads and state is responsible for state roads and doing a conflation of that geometry.
  - Will help ensure locals getting every dollar possible from HPMS program.
  - One statewide shareable centerline file (similar to addressing project).
  - Would like to have available for locals to consume as data or service to consume in their applications.
  - Working in tandem with Address Project as a check to include both actual and potential ranges critical for areas like 911.
- Looking to leverage existing tools and processes to minimize asking for duplicative or additional efforts from locals.
  - For example, CGIS and BMC projects already ongoing.
- Tool would allow for timely availability on data updates.
- Added value to local data:
  - Data pushed up by locals would be processed and then made available back with linear referencing.
  - Agreed upon edge match
  - Routable centerline down the road.
    - May follow similar process to Virginia which has been a multi-year project.
    - Might be a onetime conflation process with private partner to get routable attributes and then becomes an attribute to continue to collect and maintain.
- HPMS reporting process will change for both SHA and locals.
  - Go from report writing to digitizer, drawing in segments or updating of attributes.
  - Update process could be as the changes happen not just when submission is due.
- *Roads & Highways* Webcast Nov 22<sup>nd</sup> @ 10AM - ***Date updated since Quarterly meeting***
  - Email to sign up for webcast: [1MD1cline@sha.state.md.us](mailto:1MD1cline@sha.state.md.us)

**Question:** Is Roads and Highways an ESRI extension?



- Yes

**Question:** Is it included in an ELA?

- Not currently.
- Potential for locals to not have to buy but to leverage SHA Roads and Highways via web interface.

**Question:** Are local highway agencies aware of change?

- In process of meeting with locals.

**Question:** As for cartography and road names, is the state going to take responsibility for building annotation for the basemap?

- Going to say, yes because they do it already but it would have to be expanded to include more data.

**Question:** Additional features in spreadsheets used by locals. Is there going to be consideration for maintaining these to remove duplication and get locals away from maintaining separate spreadsheets (snow routes, etc)?

- Comes back to that one geometry and linking those other systems out there back to that.
- Locals maintain private roads for example and would still want that data but it would be excluded in the submission.

**Question:** Timeline to have process in place?

- Still working that out, have to get Roads and Highways procured.
- Deadline of June 15<sup>th</sup> 2014 – should meet requirements based on existing data.

**Question:** Are you asking for local data once a year currently and will that be a continually thing?

- Working with a few jurisdictions kind of as a pilot.
- Plan for a one-time conflation overall and then would be in maintenance.
- Conflation would be gradual working with a few jurisdictions at a time.

**Question:** How much does SHA care about routing?

- They do not absolutely need it but see potential uses for their vehicle routing.

**Question:** Some states have gone with a public/private hybrid model, how does that work?

- Still working through and varies by project.
- On a project level, ESRI may be the prime contractor and brought everyone to the table.
- In other cases, ESRI is only doing the Roads and Highways side of things and they have gone out on their own and procured the commercial data set.

**Question:** What do you see from the county perspective are they moving more toward private or developing their own?

- Very different.
- Common for many to buy off the shelf solutions for routing for their applications.
- Most commercial products can be on websites and do routing but draw the line in downloading and submitting that data out to the public domain.

## Presentation #3

### [Website & Subcommittee Chair Presentation](#)

MSGIC Website, *Julia Fischer*

- New MSGIC Website officially launched – <http://msgic.org>
  - Many thanks to...Cindy Wang (MDP), Tu Hoang (ESRGC), Sharyn Grove (CGIS)
  - Cindy spent a great deal of time copying content from the existing website to the new website which is a Wordpress application.
  - Tu did a lot of work on the membership side, the sign-in, 'To Join' piece and also the PayPal integration.
  - Sharyn, whose background is graphic design, did a lot of work to polish and give the site its look and feel.
  - They all did a significant amount of work on their own time to get the website up and running and should be acknowledged for all their contributions.
- DEMO of Website
  - Organization similar to before – tab organization.
  - Minutes and Presentations reorganized.

- Initially just wanted to get on the site the main parts and pieces of MSGIC, i.e., history, bylaws, financial information of the organization, etc.
- Now focusing on beefing up the site's content like the 'Projects' section.
- Asking members to forward on news, events or projects they would like to share.
- MSGIC wants to share events, opportunities and successes.
- On the contrary, MDiMap is very state centric and focused on data.
- Looking to add a blog for members to post questions, tip and tricks, road blocks, etc., and promote more active communication amongst members.
- Still have LinkedIn and plan to integrate with website along with Twitter.
- Sponsors linked and prominently displayed on site.
- Resources grouped and listed.
- EC is hoping for feedback and suggestions on the website and hope to continually improve.
- Space available for a few additional tabs.
- Wordpress allows for easier and quicker updates to keep website current.

**Question:** Is there a plan for the image on the landing page?

- Possibilities include a carousel, images from quarterly meetings, TUGIS among others.

**Question:** Would membership like to see a carousel possibly of static images of projects?

- Webpage may be a way to educate our decision makers to the group and our work.

Website – Member Area, *Mike Scott*

- Member Area – currently only contact info
- Plan for more content in this area, e.g, documentation for RFP's , best practices, etc.
- 'Join MSGIC' – inside of Member Area but begins at sign-up dialog
- Get about 4-5 people/month signing up.
- Contacts Button – Info will only be accessible to paid member or organization
- Recommend members login and update contact information
- Private vs. Public – Want to encourage members to make their contact info public and searchable to other members.
  - This area is behind MSGIC so not publicly available.
- Over the next couple months filtering will be turned on for subscriptions, i.e., individual members, sponsors, organizations to get ready for cut-off date for joining – April.

**Question:** ESRI paid as a group but still being asked to pay?

- Group administrator has the ability to add names under 'Manage your Subscription'

**Question:** Is there a way to make a generic user for an organization?

- Something to look into but want to keep numbers straight.
- Would be a way to deal with organizations whose administrators change.

**Question:** Where does the fee come in during sign up.

- After 'Sign up'

**Action Item:** Mike working on FAQ list which will include these types of questions.

**Question:** If organizations lose a person and have 5 for example can they replace w/another member?

- Yes.
- Also, if you are no longer with your organization who had you as a member of their organizational group, you will need to buy an individual membership.
- Membership will become an email list

**Question:** What is the difference between those who do not want to become a paid member but might want to be informed?

- Still need to work out. On website: "You just wish to receive information on things..."

**Question:** Would be also possible to do an RSS feed?

- Probably can look into (Tu @ ESRGC)

**Question:** Way to help students?

- We need internship help, newsletters, etc. May be a way to utilize money.

#### Subcommittee Chair Presentations

- Caucus vs. Subcommittee
  - Caucus – an interest group. Can use your caucus chair to bring matters to Executive Committee.
  - Subcommittee – determine specific tasks and take action.

Patrick Callahan, Data & Resources Subcommittee Chair (Prince George's County)

- Want to broaden the language beyond GPS issues to foster coordination and communication on all GIS data and resource issues.
- This subcommittee should be helping with the discussions earlier – education and getting resources out; on the statewide projects being discussed (property and LIDAR) to aid in determining what the state (government and people).
- Should help Barney in the coordination of projects that go across levels of government and into the private sector.
- Aid in the forming of partnerships to foster sharing.
- Work on common symbology especially as it relates to shared services.

Lauren McDermott, Education Subcommittee Chair (ESRGC)

- Mike Scott presented on Lauren's behalf.
- Looking for input in developing the Charter and what the group should try to accomplish.
- Primary focus of group is to provide education to members but also for outreach to K-12.
- Wants to survey membership on what type of educational opportunities they would like to see.
- Would like to plan 3-4 events for FY2014, likely webinars on particular topics members are having difficulty with, possibly working with industry partners and asking for someone to volunteer to lead those as a way to give back.
- Additionally hoping to provide support to members looking to get their GISP and support mentoring young professionals.
- Looking to support current mentoring efforts and put some structure behind it to make it more effective.

**Question:** As it relates to the outreach side of k-12, do you still see this falling under the Education Subcommittee?

- Providing materials to support teachers seems to fall more under education as opposed to newsletters, twitter, etc. All groups will be doing some form of outreach.

Mike Scott, Grant Subcommittee Chair (ESRGC/Salisbury University)

- Grant Subcommittee -> Modifying the bylaws to refocus this subcommittee to Advocacy
- Originally thought should be a standing committee to explore funding opportunities.
- May be better suited as an ad-hoc committee.
- Still need to develop process for advocacy, ensuring that views advocated by MSGIC represent membership and that issues have a way of reaching the executive committee and be brought to the group.
- This bylaw change still needs to be brought to membership and voted upon.
- Advocacy was number one when membership was asked what they saw or wanted the group doing

Ashley Buzzeo, Outreach Subcommittee Chair (CGIS)

- Looking for input and guidance from membership for outreach plan.
- Change - Newsletters are a great product but take a lot to put together and find content.
- Leaning more toward a blog which is more informal and can be updated when needed.
- Committee would work to keep the website content up to date.

- Can use link on website to submit content and feedback or can email Ashley or Julia.
- Look for a way to coordinate outreach efforts on behalf of other committees - hoping on a monthly or quarterly basis can get report backs from other committees.

**Question:** On behalf of the TUGIS Advisory Committee, the question has been asked about a location or clearing house for internship/job opportunities. Would/could this be an outreach initiative?

- As far as maintaining content on website yes.
- Blog could have a page just dedicated to those opportunities.
- Likely would include education committee as well.
- Concern came up after TUGIS dropped Job Mart last year and students looking for a place to search and also hand out their resumes.
- Link between APA website and MSGIC which lists planning jobs but also many that are GIS related.
- Should be a MSGIC member to post/view a job on the website.
- Could that be a place to store/ receive resumes?
  - Would have to worry about cleaning them out regularly.
- GIS Jobs clearinghouse already exists.
- Places likely would not want to pay to post an internship position.
- Education committee could take on managing that section of the website and doing follow up on whether opportunities are still open.
- Linking to sites like APA would not be reinventing the wheel for posting internship opportunities.

**Action Item:** Mark to get more information on APA jobs

**Action Item:** Education Committee / Outreach Committee to look into posting/linking to these opportunities.

## Presentation #4

[Developing an Aerial View: Integrating Esri's City Engine, Trimble's SketchUp and Google Earth, Andrew Bernish, MDP](#)

- Found integrating City Engine, SketchUp and Google Earth to work the best.
- City Engine –Rule based 3d Modeling. No printed manual. Used an intern from Salisbury with background in Coding. City Engine – coding similar to python. If you design a code for one area can take and use in other areas.
- Remington neighborhood chosen to see if historic tax credits for preservation have worked.
- Heights of buildings in Remington case based on land use.
- Applications were used for the Septic Law in Charles County used to visualize the effects of septic sprawl.
- Used City Engine to dictate the number of houses that could go in based on new housing capacity which is determined by zoning and acreage.
- Number of house reflective of what would be allowed by zoning.
- Yellow buildings represent existing and red are showing the number of potential.
- Not yet proficient w/city engine to have houses align along new roads.
- Downtown Salisbury, MD – Visualizing redevelopment
- Created 3D representation of downtown Salisbury along with infill of 2 parking lots
- City Engine can really calculate exactly what you can get; floor space, open space, parking, etc.
- Can get more in detail using Trimble SketchUp to integrate existing buildings.
- Can use the City Engine viewer or bring into Google Earth Pro and use Movie Maker.

**Question:** What is the level of effort for creating the building that does not yet exist?

- Go into 3D warehouse (repository of 3-D models), strip it down and change materials. Depends on level of detail.

**Question:** Are you well versed in 3D Analyst? No

- City Engine – good for large areas. Can zoom in and add more detail to specific buildings in Sketch Up.

**Question:** Can you talk about what Google’s plan for ingesting 3D buildings?

- Starting Oct 1<sup>st</sup> – Google will no longer be accepting models built by people or firms.
- Previously could submit them if they were georeferenced.
- They are working on building up their 3D modeling and streamlining the process.
- Buildings that have previously been added will be lost once Google goes to update that area.
- Remote areas will also lose out since they will likely not get updated for some time.

### **New Business & Adjourn**

- Spirited conversation on K-12 education will revisit and take back Executive Committee.
- SHA webcast ~~Nov 19<sup>th</sup>~~ –rescheduled for Nov 22<sup>nd</sup>.