

MD iMap Technical Committee Meeting Minutes

Place: Maryland Department of the Environment (MDE): Terra Conference Room (Baltimore, Maryland)

Date: 1/24/12

Time: 1:00 PM – 3:00 PM

Attendees: Rowland Agbede (MDA), Kristen Ahearn (Gov), Michael Bentivegna (CGIS), Ashley Buzzeo (CGIS), Jim Cannistra (MDP), Jennifer Chadwick-Moore (MHT), Kevin Coyne (DNR), Kaushik Dutta (MDTA), Bill Fearington (DHR), Julia Fischer (DBED), Matt Folley (MDP), Mark Helmken (CGIS), Jason Keppler (MDA), Barney Krucoff (GIO), Kenny Miller (Deputy GIO), Anthony Puzzo (Esri), Apollo Teng (Mont Co), Frank Siano (MDE), Sandi Stroud (BMC) and Brad Wolters (DHCD)

AGENDA:

- Introductions 1:00 – 1:05
- MD iMap Executive Meeting Review – *Barney Krucoff* 1:05 – 1:45
- ArcGIS Online Premium Discussion – *Matt Folley* 1:45 – 2:00
- Demos: MD iMap Mobile Maps/Sites – *Ashley Buzzeo* 2:00 – 2:15
 REST Service Lookup Page – *Ashley Buzzeo*
- Application Subcommittee Updates 2:15 – 2:20
- Data and Resources Subcommittee Updates 2:20 – 2:30
 - MD iMap 2012 Parcel Updates - *Jim Cannistra* 2:30 – 2:35
 - Imagery – Western Shore - *Jim Cannistra* 2:35 – 2:40
 - Imagery – NAIP - *Jim Cannistra* 2:40 – 2:45
 - Census App & Map Services - *Jim Cannistra* 2:45 – 2:50
- Outreach Subcommittee Updates 2:50 – 2:55
- Security Subcommittee Updates 2:55 – 3:00

NEW ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:

ON-GOING ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
Executive Order	Submitted:	GIO
<ul style="list-style-type: none"> • Distribute updated Executive Order to Julia Fischer to distribute to Tech Comm 	12/20/11	
Central License Server	Submitted:	Technical

<ul style="list-style-type: none"> Contact Barney Krucoff if you want to test your agencies' accessibility to CLS 	12/6/11	Committee
ELA License Request Form/Website <ul style="list-style-type: none"> Website almost ready Send out for comment Share existing form information with group 	Submitted: 12/20/11; 12/6/11; 11/1/11	GIO
ELA Renewal <ul style="list-style-type: none"> Post GSA price schedule for reference 	Submitted: 11/1/11	GIO
ELA Call List <ul style="list-style-type: none"> Email updated version of call list to Tech Comm 	Submitted: 9/20/11	Co-Chairs
ELA <ul style="list-style-type: none"> Provide list of contributing agencies to MD iMap Tech Comm Provide list of contributing agencies 	Updated: 11/1/11; 8/2/11 Submitted: 7/19/11	GIO
ArcGIS 10 Migration <ul style="list-style-type: none"> AGS Migration Completed Successfully SDE Migration to occur in January 2012 Provide outline and pros/cons list to provide to Executive Committee (CGIS) Provide information about how long MD iMap will be down and plan for migration (CGIS) CGIS is testing implications of migration Further discussion is necessary concerning this topic 	Updated: 12/20/11; 6/21/11; 11/16/10 Submitted: 9/21/10	Technical Committee

Application Subcommittee:		
Description:	Date Assigned:	Follow Up By:
Stronger Maryland Together Campaign <ul style="list-style-type: none"> Write synopsis of process and see if update manual can be shared with the group Share with MD iMap group link to webpage 	Updated: 11/15/11 Submitted: 11/1/11	Michael Bentivegna
Future of Flex Programming <ul style="list-style-type: none"> Approach Steven Anderson (Axis Geospatial) about presenting his pros/cons presentation to the group 	Submitted: 11/1/11	Jim Cannistra
Application Specific Services <ul style="list-style-type: none"> Facilitate a discussion with CGIS concerning potential options for map service storage and organization 	Updated: 11/1/11 Submitted: 7/5/11	GIO
Support of StateStat Application (Capital Budget & ARRA applications) <ul style="list-style-type: none"> Graph of hours/budget of efforts to support these applications (CGIS) Provide an understanding of when support crosses from normal, budgeted attention to custodian of application needs to be charged extra because of rush charge, etc. (CGIS) 	Submitted: 6/21/11	CGIS
Application Submission Procedures <ul style="list-style-type: none"> Update detailed procedures for application creation and update Resend Application Submission Procedures draft to Technical 	Submitted: 6/21/11	Technical Committee

Committee (Co-chairs)		
<p>License Agreement in regards to Code Sharing</p> <ul style="list-style-type: none"> • Brian Sivak wants applications and their code to be in the public domain and freely available for sharing • Awaiting response from Kenny Miller concerning how to proceed • Check with Brian Sivak for comment concerning whether to code share through MD iMap Portal or another open source repository 	<p>Updated: 11/1/11; 7/5/11; 6/21/11</p> <p>Submitted: 6/7/11</p>	GIO
<p>Code Acquisition for MD iMap Portal</p> <ul style="list-style-type: none"> • Provide updated worksheet to Kenny Miller for review, after updates have been applied (Kaushik Dutta) • Development Code Worksheet Generated (Kaushik Dutta) • Date of Launch – add this additional column and information to worksheet (Kaushik Dutta) • Work on filling in missing information (Kaushik Dutta & Kenny Miller) • Meeting to be scheduled to discuss next steps • Excel spreadsheet inventory being produced by CGIS and MES • Actively being pursued • Obtain Flex code from CGIS and MES for MD iMap-based applications 	<p>Updated: 7/5/11; 6/7/11; 1/4/11; 12/21/10; 12/7/10; 11/16/10</p> <p>Submitted: 10/19/10</p>	Kaushik Dutta Kenny Miller
<p>Developer Contact List</p> <ul style="list-style-type: none"> • Submitted to Deputy GIO • List to be developed • Compile developer point of contact list 	<p>Updated: 9/20/11; 4/5/11; 12/21/10</p> <p>Submitted: 11/16/10</p>	Application Subcommittee Kaushik Dutta
<p>arcgis.com My Maps</p> <ul style="list-style-type: none"> • Discussion has occurred, but final decision on hold • Need to consider how MD iMap services appears when pulled into arcgis.com and suggest potential changes • Work with the product and come to next meeting with feedback 	<p>Updated: 9/20/11; 3/1/11</p> <p>Submitted: 2/15/11</p>	Technical Committee
<p>Rapid Application Prototype</p> <ul style="list-style-type: none"> • On hold for funding availability • Consider if arcgis.com will meet the majority of needs proposed for this effort • Proposal updates being implemented • CGIS to provide updated proposal based on comments • CGIS provided proposal for review and comment • CGIS to provide updated cost/hours estimate based on results of Q&A and discussion conducted during 10/19/10 Tech. Comm. meeting • CGIS to provide cost/hours estimate by next Tech. Comm. meeting • Obtain pricing, based on specifications of application, from CGIS and MES <p>Email has been sent out to CGIS and MES from Kenny Miller – awaiting response</p> <ul style="list-style-type: none"> • Consolidate list of requirements for a rapid application deployment 	<p>Updated: 9/20/11; 2/15/11; 12/21/10; 12/7/10; 11/16/10; 10/19/10; 10/5/10; 9/7/10</p> <p>Submitted: 7/12/10</p>	Deputy GIO Application Subcommittee Technical Committee

option (Phase 1)		
<ul style="list-style-type: none"> Email consolidated list of requirements to Tech. Comm. List has been generated and is available for review		

Data & Resources Subcommittee:		
Description:	Date Assigned:	Follow Up By:
REST Endpoint Service Descriptions <ul style="list-style-type: none"> Any changes that need to be made to these descriptions or legends should be submitted to Ashley Buzzeo 	Submitted: 12/20/11	MD iMap Service Data Owners
ICC Corridor <ul style="list-style-type: none"> Need to talk with Transportation about obtaining this information and recache the basemap 	Submitted: 12/6/11	Ashley Buzzeo
WFS-Enabled OSPREY Services <ul style="list-style-type: none"> Follow up with owners of OSPREY data to determine if layers can be WFS-enabled 	Submitted: 12/6/11	Julia Fischer
Log Package Acquisition <ul style="list-style-type: none"> Provide package name and cost for next meeting 	Submitted: 12/6/11	Michael Bentivegna
Loading 2011 Imagery <ul style="list-style-type: none"> Will need to verify that the visual quality of .jpgs is as good as .tiffs 	Submitted: 12/6/11	Jim Cannistra
NAIP 2011 Imagery <ul style="list-style-type: none"> Check that DNR has this information to be posted on MD iMap 	Submitted: 12/6/11	Kevin Coyne
GreenPrint Mapping Application <ul style="list-style-type: none"> Determine if GreenPrint version on MD iMap infrastructure can be removed 	Submitted: 11/15/11	Kevin Coyne
Data Submission Policy Updates: <ul style="list-style-type: none"> Add "Update frequency, "Last updated" and "WFS-enable: Y/N" in Data Submission Policy 	Submitted: 10/4/2011	Data and Resources Subcommittee
WGS Basemap from OSPREY <ul style="list-style-type: none"> Check to determine status of providing this basemap via MD iMap 	Submitted: 10/4/2011	Data and Resources Subcommittee
SHA Basemap <ul style="list-style-type: none"> MXD being generated, cache to follow Obtain information from SHA, recache and add as map service to MD iMap 	Updated: 12/6/11 Submitted: 10/4/2011	Ashley Buzzeo
GIS/Archives Appraisal Questions <ul style="list-style-type: none"> Distribute survey to as many municipal, county and state agencies, as possible, for potential participation 	Submitted: 7/5/11	Technical Committee
Feedback/Requests concerning MD iMap <ul style="list-style-type: none"> Check for hillshade, which can be added as map service, @ MDP Add Hillshade Service: Inquire at DNR if they have a hillshade available Add Map/Parcel ID Look-Up: Follow up with requestor (Jason Zhao – MDE) to clarify request 	Updated: 10/4/2011 Submitted: 6/7/11	Jim Cannistra
"Political Boundaries" Map Service <ul style="list-style-type: none"> MXD and data submitted by Cindy Powell at DNR MXD modified in May 2011 	Updated: 10/4/11 Submitted:	Ashley Buzzeo Brad Wolters

<ul style="list-style-type: none"> Review the “Political Boundaries” map service, determine the source and last update date 	6/7/11	
<p>Eastern Shore Imagery Assimilation</p> <ul style="list-style-type: none"> Draft email, Portal post and tweet for notifying of these changes Eastern Shore imagery is now on production server Rename “NAIP” service to “Composite” service – Completed Tweets and email message of new imagery release Provide draft write up of details and FAQs (Jim Cannistra) Add new “Composite” imagery service now and phase out “NAIP” service (CGIS) – Completed Check server space available versus need – Working w/DNR & CSSC Cost estimate for additional storage space for new imagery – Working w/DNR & CSSC 	<p>Updated: 10/4/11; 6/21/11; 4/5/11</p> <p>Submitted: 3/15/11</p>	Ashley Buzzeo Jim Cannistra
<p>Point of Interest/Place Name Geocoder</p> <ul style="list-style-type: none"> Ashley Buzzeo will work with Brad Wolters to determine if this composite geocoder will meet these additional search criteria needs 	Submitted: 1/18/11	Ashley Buzzeo Brad Wolters
<p>WFS Services</p> <ul style="list-style-type: none"> Top 10 list to be assembled during next Data & Resources Subcommittee meeting List of enable services, email to group 	<p>Updated: 4/5/11</p> <p>Submitted: 3/15/11</p>	Ashley Buzzeo Data & Resources Subcommittee
<p>Web Mercator Data Service Projection</p> <ul style="list-style-type: none"> Per MES, EMMA replacement will use Web Mercator projection Assess costs in labor and storage for creation of MD iMap data services (except imagery) in Web Mercator projection – Will determine with DNR & CSSC (lots of variables: migration to 10, etc.) 	<p>Updated: 10/4/11; 4/5/11</p> <p>Submitted: 1/4/11</p>	CGIS
<p>Metadata Services</p> <ul style="list-style-type: none"> Forward electronic list to group Updated list to be provided by Friday, 1/7/2011 Updated list to be provided at 1/4/2011 meeting Remaining “offenders” actively being pursued Resend email to “offenders” to complete metadata Email resent and follow-up by Kenny Miller to occur MDP has provided metadata for all their services on MD iMap Follow-up concerning how to obtain the missing metadata for services currently being hosted on MD iMap Email sent to Kenny Agency leads from Tech. Comm. to make progress <ul style="list-style-type: none"> Direct contact of data owners A listing of services for which metadata is needed was provided. It was discussed that some metadata may not be available from the data producers. This is especially true for parcel data. Metadata at the service level will be written by MDP for parcel data to go along with the MD iMap refresh process 	<p>Updated: 1/18/11; 1/4/11; 12/21/10; 10/5/10; 8/3/10; 7/12/10; 6/22/10; 5/18/10</p> <p>Submitted: 4/20/10</p>	Data & Resources Subcommittee Co-chairs
<p>Basemap Template Upgrade/Gazetteer Service Update</p> <ul style="list-style-type: none"> Review and provide feedback to Ashley Buzzeo (Technical Committee) 	<p>Updated: 6/7/11; 4/5/11;</p>	CGIS Data & Resources

<ul style="list-style-type: none"> • Provide hours concerning clean-up, update and reaching of this layer (Ashley Buzzeo) • Submit additional comments for updates to Ashley Buzzeo • Obtain most up-to-date county boundary from SHA • Add state and county boundaries and Interstate and US Highways for all states adjacent to Maryland and NJ • Comments for changes should be sent to Ashley Buzzeo • Meeting to be scheduled to discuss next steps • Upgrade basemap using Esri template 	<p>1/4/11; 12/21/10</p> <p>Submitted: 10/19/10</p>	<p>Subcommittee Technical Committee</p>
<p>Google Urchin</p> <ul style="list-style-type: none"> • Add to next agenda – What should be shared on Portal? How to share archival stats? • CCBC has not been able to incorporate this into their workflow as planned—New plan needed • CCBC has updated through March 2011 and will post on portal • CCBC updating stats and will be posted to portal shortly • Check with Lisa Lowe to make sure she is able to handle additional questions that might come through the contact links from the Portal page (Tech Comm Co Chairs) • Contact Ashley Buzzeo, Scott Jeffrey or Brad Davis with additional comments and clarifications needed to be included in the reports, so they are understandable to those viewing reports from the Portal (Tech Comm) • Manual has been generated for extracting web analytics from Google Urchin • Manual submitted for review by Technical Committee • Actively working on clarifying categories to be included on report • Provide categories to be included in statistical output report • Categories have been provided to CGIS by GIO • Meeting to address scheduled for 9/22/10 at CGIS 	<p>Updated: 12/6/11; 10/4/11; 4/5/11; 3/1/11; 12/7/10; 11/16/10; 10/5/10; 9/21/10</p> <p>Submitted: 9/7/10</p>	<p>GIO CGIS Technical Committee</p>

Education & Outreach Subcommittee:		
Description:	Date Assigned:	Follow Up By:
<p>mdimap.us Marketing</p> <ul style="list-style-type: none"> • Coordinate with Ashley Buzzeo and Lisa Lowe to get these various communications completed 	<p>Submitted: 12/6/11</p>	<p>Julia Fischer</p>
<p>Twitter/Communication Plan</p> <ul style="list-style-type: none"> • List of every CIO for inclusion on email alerts 	<p>Submitted: 11/15/11</p>	<p>GIO</p>
<p>Ramona</p> <ul style="list-style-type: none"> • Intern hired – will provide in next few months • Send out available stats .pdf for review • Check with IT person for Ramona to get MD stats 	<p>Updated: 10/4/11; 4/5/11; 3/15/11</p> <p>Submitted: 3/1/11</p>	<p>Ashley Buzzeo</p>
<ul style="list-style-type: none"> • Link to Merlin needs to be added to MD iMap Portal webpage 	<p>Submitted: 12/21/10</p>	<p>Lisa Lowe</p>

<ul style="list-style-type: none"> • Discuss with Broadband Team concerning functionality and code availability • Discuss adding a feedback button to MD iMap Portal webpage 	Updated: 10/4/2011 Submitted: 12/21/10	Outreach Subcommittee Lisa Lowe
<ul style="list-style-type: none"> • Recruit participants • Obtain feedback concerning how to improve upon current outreach strategies • Email potential new members directly 	Updated: 5/18/10; 4/20/10 Submitted: 3/16/10	Outreach Subcommittee
<ul style="list-style-type: none"> • Proactive Marketing of MD iMap 	Submitted: 9/21/10	Outreach Subcommittee

Security Subcommittee:		
Description:	Date Assigned:	Follow Up By:
Charter <ul style="list-style-type: none"> • Generate a charter 	Submitted: 12/7/10	Security Subcommittee
Security Model <ul style="list-style-type: none"> • On hold for funding availability • Provide a copy of MD iMap Security Presentation to Brian Sivak (Jim Cannistra) • Price quotes from proposal submission to be updated • Additional documentation needed to address: <ul style="list-style-type: none"> ○ Cost of Delay ○ Justification of security (limitations, efficiencies) ○ Needs Assessment to determine groups and definitions • Schedule meeting for Friday, October 22, 2010 to formalize document and format presentation for October 27, 2010 Exec. Comm. meeting • Generate detailed document and presentation for October 27, 2010 Exec. Comm. meeting • Document for presentation to Exec. Comm. at Oct. meeting • Demo accompanying document to Exec. Comm. at Oct. meeting • In progress, to be submitted by next Tech. Comm. meeting (10/5/10) 	Updated: 6/7/11; 3/1/11; 10/27/10; 10/19/10; 9/21/10 Submitted: 8/3/10	Security Subcommittee

COMPLETED ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
Statewide GIS Strategic Plan <ul style="list-style-type: none"> • Assured by Roger Barlow that multiple submission can be sent, suggest making sure not to compete amongst submissions • Schedule call with Roger Barlow to determine if all CAP Grants should be submitted, strategy for submission • Applying for CAP Grant to pursue (March 2012 Awarding) 	Updated: 12/20/11; 12/6/11; 11/1/11 Submitted: 1/4/11	GIO

Introductions:

Round-the-room

MD iMap Executive Meeting Review – Barney Krucoff

Proposed changes to executive order

- Executive Committee made some additional suggestions, improvements
 - Change shared data to available data to not imply that it's free (more vague), keep open for sales possibilities
 - Change annual budget meeting to twice a year (dates to be removed from the order)
- Next steps:
 - Put changes in
 - Go to legal review
 - MDP legal reviewer from MDP was involved during the first iteration and can be available for the second effort
 - Going to Governor's legal team first
 - Go to TUGis conference, on opening day of conference (Goal)

ELA website

- Put in orders for subscriptions under the ELA
- URL on SwGi (<http://doit.net.md.gov/esri/Pages/EsriHome.aspx>)
- Link from DoIT Homepage – Maryland Geographic Information Office
 - Hope to grow this content with links to MD iMap
- Most current content is ELA content
 - Standard questions about how to get access, who can get access, access to statewide license manager
 - Don't need permission to utilize licenses from the central license manager
 - The central license manager will allow management to track how many licenses are utilizing what and can use this information for future ELA negotiations
 - Question: Should all of the licenses be connecting with the central license manager? – Long run should be connecting to the same pool for licenses
 - Not taking a hard line at this time
 - Require firewall changes to allow a key passing back and forth
 - Must be connected to SwGi with a specific configuration
 - Help desk is currently barney and Kenny – no formal help desk setup yet
 - Many agencies require going through centralized GIS or IT person to get the license manager changed to the CLM
 - CLM allows for checking out licenses (2 week timeout, at this time) – helps with meeting some of the needs of working off of the network (stand-alone)
 - The group can influence if the time needs to be changed
 - Requesting specific information about the end user, computer location, etc., so these licenses can be tracked down in the future
 - More important to collect this information for those who are requesting server licenses (asking for rack and room of physical server, etc.)
 - Need to respond to why you picked the level of version you are requesting
 - One question: why not host these applications/services on MD iMap? (very important question)
 - Security, importance of mission, integrated with another COTS product, etc.

- CIO approval is required
 - Kenny and Barney will be checking back to assure that approval has been acquired
- Want to discourage stand-alone licenses (want to use check out and other options whenever possible)
 - Sometimes this is not avoidable, but harder to inventory stand-alone licenses in the future
- License issued by Barney and Kenny
- Link available to access software for download – only desktop, at this time

Question: If IP address is changed, new address should be provided to Barney and Kenny – want to help track in the future

Budget

- \$1,000,000 general fund money – new money
 - Doesn't include labor costs or Esri ELA costs
- Limited contract support funds would route through DoIT and DNR to CGIS
- 5 FTE have been identified for reallocation to the Geographic Information Office
 - 7 total with Barney and Kenny
 - 1 more with MOA between MEMA and DoIT (different arrangement) – independent of this budget
 - Most of the other 5 expected to move to a centralized location
 - Officially starts July 1 if budget is approved
- Approximately 19 additional agencies will be contributing to the ELA in FY13
- Systems Team – to be contracted
 - Contract out a couple developers (many 3 staff)
- Customer Service Team
 - Help desk staffed
 - Training program – Certified Esri Trainer
 - Offer regularly scheduled training that agencies can sign up for (standard courses)
 - “This is how to ArcView in Maryland Government” – very specific topics could be covered
 - Opportunity to learn about a lot of projects that are going on within the different agencies
- Data Team
 - Librarian function to track existing services and resources
 - Consolidated data site (data.maryland.gov – for example)
 - Include services, excel spreadsheets, those resources that are most valuable to the broader community
 - Some money goes to development of this site, to be determined
 - Open up backend of MD iMap to SwGi – getting direct access to SDE and do more with the services
 - Goal is to make data accessible to customization
 - Coordination of major data projects/initiatives
 - \$200,000 - \$300,000 left over for collaboration and involvement to get projects going (Address Points for Example – go to Numbers Board with a little bit of seed money to get the project moving forward)
- DoIT had GIO, but didn't have resources to move initiatives forward

What not doing

- All GIS work
 - Could go projects, but won't be taking over entire efforts

- Individual agency SLAs
 - Not going to be setting up individual SLAs with different agencies
 - One standard SLA
- Avoid charge back model for things other than ELA
- Those agencies losing GIS people – will licenses be reabsorbed?
 - In theory money can be saved in contributions to the ELA by limiting the number of licenses being consumed by an individual agency
 - However, the other agencies will have to take on additional costs because of this agency
 - Hoping agencies will continue to pay into the ELA for the rest of the base period (2 – 2 ½ more years) and potentially the extension period also (5 years total)

Overall, the Exec Committee was accepting of the slides presented

- A lot of the attendees are not the decision makers and the information still needs to trickle down to the decision makers – perhaps get more feedback in the future
- No negative reaction to ideas, goals and structure
- Personnel “battles” are anticipated in the upcoming future
- Plan to move forward in February – DoIT, Governor’s Office and agencies affected
- Things are negotiable
 - Task that position accomplishes is desired, a specific person is negotiable
 - Not a mandate, future discussions with details being worked out
 - What does this mean for the person’s commute? What does this mean for the agency losing this asset?

Question: MD iMap services to be brought onto the SwGi network – this would require another firewall change in the future

- Continue to gain a better understanding of security, impacts etc
- Ideally want to be able to host a service on SwGi only, as a way to secure information
- Ex: infoUSA data would need to be protected because of licensing and not available to the public (passwords required, etc)

ArcGIS Online Demo – Matt Folley

- Provide basic GIS capabilities to MDP staff
 - Landuse Landcover layers shown – print screen, can’t impact data
- Esri basemap with StatePlane MD data on top – on the fly re-projection seems to be working well
- Most of the services are coming from MD iMap
- Those services being updated more often are coming from local servers with ArcGIS Server
- As part of PlanMaryland
 - Planners have been going out and speaking to local governments
 - Sub-section specifically made for showing maps and relative datasets for visiting with these local entities
 - Going to be visiting and going over this information with all the counties and many municipalities – centralized resource
- Incorporating these accounts to allow for accessibility through iPads

- Setup a group linked to this, so that data can be uploaded – allow users to take a look, add their own resources and notify when this has been done
 - Risk is lots of connections to local server being published out

Question: Just pushing out services (not maintained daily) – being put on MD iMap to try and support the redundancy needs of services and load balancing on the local system

- Increased traffic, opening data to state and local partners, but opening up to the broader community also

Question: Is there a way to track traffic to shared groups? – get a clearer idea of who is finding this information valuable

- Currently have a counter available on public version (opens up application is 1 count – new access points)
 - Located in Details
- Premium should be offering more detailed information about accessibility of the information
- Adding additional security so a browser search can't randomly pull up a hidden group

Question: Could Google Urchin find out whose hitting through ArcGIS Online – might be accessible through Premium

Question: Users are some GIS familiar – some are and some aren't

- Learning curve – good feedback?
- Interns did individual training (screen captures) – ½ to 1 hour sessions to get people up to speed

Sustainable Communities

- MDP required to maintain Priority Funding Areas – DHCD receives applications
- DHCD loads data onto ArcGIS Online to allow MDP to see – multiple agencies seeing the same map and uploading more data, as needed
- Upload data to ArcGIS Online and allow another agency to check boundary matches and multiple agencies can see the same maps and verify matching
 - Agreement found and pushed up to MD iMap once in agreement
- Workflow incorporating ArcGIS Online

ArcGIS Online Premium Meeting Briefing Follow-Up – Matt Folley

- Add Maryland state wrapper
- Offering MD as beta tester
 - Deferred b/c we don't know full cost yet
 - Google Earth Builder coming in on 2/21 meeting
 - Open Geo option also being researched
- Each are coming through Tech Committee to review
- Big changes in data management workflow are coming through this system
 - What workflows to put together to allow for better communication between groups and within groups
- Customization of styling of site
- Configurable
- Default to pre-approved basemap(s)

- Template applications can be added and customized and shared with other publishers
- Hosting of services
 - Off-load some of the services to the Cloud on the backend of ArcGIS Online
- Administrative function
 - User, publisher, administrator
 - Role-based configuration
 - Customize the experience for a sub-group, as needed
 - Add people to the group
- Are all services being hosted here meeting OGC standards? – Anthony to double check

MD iMap Mobile Maps/Sites & REST Services Lookup Pages – Ashley Buzzeo

- Mobile application for portal
 - Prerelease – push to production shortly (prerelease.mdimap.us/imapmobile)
 - The portal website is smart enough to know to redirect mobile users to the mobile version versus the desktop version
 - About: tells about portal and MD iMap – can click to go to full site for iPads, etc
 - Get service alerts from twitter – go to twitter page for MD iMap
 - How to connect – information about how to connect to REST endpoint or ArcGIS
 - Events – technical committee meetings currently – more can be added – call in number available
 - Contact us – email contacts and form to fill in and goes to Lisa Lowe
 - View full site – launch to full site
 - Online maps – lists mobile friendly applications first (launch and learn from this site)
 - Can view the other applications, but are notified not mobile friendly versions
 - State highway truck park mobile applications from SHA – add to this list and link
- Expect these to be pushed out to production shortly
- Mobile template for GreenPrint to be provided for others to use
 - Mobile version of GreenPrint has limited functionality and larger buttons which allow for accessibility through a mobile device
 - Turn on and off layers
 - Dynamic legend (draw as layers turned on and off)
 - Switch basemap (aerial, street)
 - Find your address based on typed in address or using GPS coordinates
 - Built in HTML5, JavaScript
 - Template available for use, but some customization will be necessary – such as layers list
 - Share template out to the other state agencies
- Minimal standards from state for mobile applications – these were followed
- Expect these to be pushed out to production shortly
- REST service look up page
 - Services Tab
 - Explore available services – replaces .pdf list of services
 - Dynamic, so updated as services are added and removed from mdimap.us
 - Click through the ISO category folders from REST endpoint

- Pop-up box with service type, service description, thumbnail image, view metadata → launch metadata available and service details → goes to REST page
 - Readme file added for all services, in case metadata doesn't exist
- Search: service name is searched (“bay”)
 - View latest services
 - Copy/paste URL and add into code for access from other sites
 - Wish list: be able to do search within the layers inside of a map service

Data and Resources Subcommittee Updates:

MD iMap 2012 Parcel Updates – Jim Cannistra

- Starting 2012 updated parcel data
- Change the process of collecting everything and provided once
 - Now collect 7 or 8 places which have been updated for sure and send to CGIS
 - About ready now – next week some time
 - A second round will be completed and sent to CGIS later
- Those specific sections are re-cached into existing cache

Imagery – Western Shore – Jim Cannistra

- Coming in now, some delivery blocks have been delivered to CGIS, cached and reviewed
 - Looked good
- Over the next couple of months lots of imagery is going to be coming in
- Getting calls and emails about when this imagery is going to start showing up in MD iMap services
 - Turn around for posting once the data has been approved and delivered to CGIS
- Good system in place for putting it in (6” imagery separate service with 2011 imagery in service name, separate service for Color IR and once complete, the 6” imagery will be ingested into Composite service – this service has no date, just latest and greatest)
- Four band – 2 services – 1 for RGB and 1 for Color IR
- Other state agencies want source imagery, MRSIDs or .jpps – this will be a separate process
 - Still need to determine the specifics
 - Mechanisms in place to get data to counties
 - Don't have mechanisms to get raw imagery to other state agencies
 - Want to avoid passing this information to other state agencies, but can be discussed
 - If there is a need, it can be provided
 - Can provide drives to be copied themselves

Imagery – NAIP – Jim Cannistra

- Include NAIP 2011 imagery as a service in MD iMap
- Getting data from DNR over the next couple of days
- Is DNR set to provide to CGIS to get this service created
 - Kevin and Lisa will work to get the data to CGIS
- Final product

Census App & Map Services – Jim Cannistra

- Provided 20 or so map services over past couple of weeks related to census population, statistical data

- Launching an application within the next week to display census, American Community Survey data
- Make people aware that there are a large number of census map services available
- Feature article on portal page
- Applications to be hosted by MDP, but want to put icons on the portal for these applications and redistricting
- Also want to make sure we send information to Frank Perrelli to include applications on StateStat web inventory

Additional Items:

Workflow to tweeting

- Like to see data owners provide a one line for twitter and portal for
- Generic message also available for tweeting
- Also need to update portal
- Also need to update static page with “Latest Map Services”

Service description with last updated information (even if generic “July 2010”) – start to put into service descriptions

TUgis Conference Presentation

- BMC/Howard Co
- REST search showcase, new imagery, new services, mobile application
- 3 smaller session which are all related to MD iMap
 - 1 – General Update
 - 2 – Census (MDP)
 - 3 – Portal
- Either Governor part of plenary or see speech from Barney
- “Ask iMap” at MSGIC booth – ask questions
- MD iMap contest of virtual mapping promoting MD iMap services
 - What is the award?

Esri FedUC 2012

- ELA has complimentary passes for state employees
- 5 more available
- Account ID will need to be obtained from Kenny
- Registration will be required of attendees
- Idea was reward participation in Tech Committee with a pass and get people from agencies that are just getting involved in attendance