

MD iMap Technical Committee Meeting Minutes

Place: Maryland Department of the Environment (MDE): Terra Conference Room (Baltimore, MD)
Date: 3/6/12
Time: 1:00 PM – 3:00 PM
Attendees: Rowland Agbede (MDA), Michael Bentivegna (CGIS), Ashley Buzzeo (CGIS), Kevin Coyne (DNR), Kaushik Dutta (MDTA), Jennifer English (DHMH), Bill Fearington (DHS), Julia Fischer (DBED), Matt Folley (MDP), Michelle Guck (USDA), Jason Keppler (MDA), Renee King (MDP), Barney Krucoff (GIO), Frank Siano (MDE) and Brad Wolters (DHCD)

AGENDA:

- Introductions 1:00 – 1:10
- ArcGIS Online, Google Earth Builder, Socrata Discussion 1:10 – 1:40
- MD iMap on SwGi Discussion 1:40 – 1:55
- New MDA Application Demo 1:55 – 2:10
- Application Subcommittee Updates 2:10 – 2:15
- Data and Resources Subcommittee Updates 2:15 – 2:25
 - List of WFS Enabled Map Services 2:25 – 2:30
- Outreach Subcommittee Updates 2:30 – 2:50
 - Meeting Recap and Next Steps
- Security Subcommittee Updates 2:50 – 3:00

NEW ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
Google Earth Builder Pilot <ul style="list-style-type: none"> • Double check w/Jim Cannistra before committing MDP to participate 	3/6/2012	Matt Folley
Socrata <ul style="list-style-type: none"> • Demo GIS data options to group 	3/6/2012	CGIS
SwGi/Version 10.1 Migration <ul style="list-style-type: none"> • Invite Esri to participate in a design session 	3/6/2012	GIO

ON-GOING ACTION ITEMS:

Description:	Date Assigned:	Follow Up By:
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
<p>ELA License Request Form/Website</p> <ul style="list-style-type: none"> Website is now ready (Must have SwGi connectivity to access) https://www.doit.state.md.us/selectsurvey/TakeSurvey.aspx?SurveyID=n4LJ5n4 	<p>Updated: 2/8/12; 12/20/11; 12/6/11</p> <p>Submitted: 11/1/11</p>	GIO
<p>ELA Renewal</p> <ul style="list-style-type: none"> Post GSA price schedule for reference 	<p>Submitted: 11/1/11</p>	GIO
<p>ELA</p> <ul style="list-style-type: none"> Provide list of contributing agencies to MD iMap Tech Comm Provide list of contributing agencies 	<p>Updated: 11/1/11; 8/2/11</p> <p>Submitted: 7/19/11</p>	GIO

Application Subcommittee:		
Description:	Date Assigned:	Follow Up By:
<p>Stronger Maryland Together Campaign</p> <ul style="list-style-type: none"> Write synopsis of process and see if update manual can be shared with the group 	<p>Updated: 11/15/11</p> <p>Submitted: 11/1/11</p>	Michael Bentivegna
<p>Future of Flex Programming</p> <ul style="list-style-type: none"> Approach Steven Anderson (Axis Geospatial) about presenting his pros/cons presentation to the group 	<p>Submitted: 11/1/11</p>	Jim Cannistra
<p>Application Specific Services</p> <ul style="list-style-type: none"> Facilitate a discussion with CGIS concerning potential options for map service storage and organization 	<p>Updated: 11/1/11</p> <p>Submitted: 7/5/11</p>	GIO
<p>Support of StateStat Application (Capital Budget & ARRA applications)</p> <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) 	<p>Submitted: 6/21/11</p>	CGIS
<p>Application Submission Procedures</p> <ul style="list-style-type: none"> Update detailed procedures for application creation and update Resend Application Submission Procedures draft to Technical Committee (Co-chairs) 	<p>Submitted: 6/21/11</p>	Technical Committee
<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 	<p>Updated: 11/1/11; 7/5/11;</p>	GIO

<p>domain and freely available for sharing</p> <ul style="list-style-type: none"> • 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>6/21/11</p> <p>Submitted: 6/7/11</p>	
<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>	<p>Kaushik Dutta Kenny Miller</p>
<p>Developer Contact List</p> <ul style="list-style-type: none"> • Submitted to Deputy GIO 	<p>Updated: 9/20/11; 4/5/11; 12/21/10</p> <p>Submitted: 11/16/10</p>	<p>Application Subcommittee Kaushik Dutta</p>

Data & Resources Subcommittee:		
Description:	Date Assigned:	Follow Up By:
<p>REST Endpoint Service Descriptions</p> <ul style="list-style-type: none"> • Any changes that need to be made to these descriptions or legends should be submitted to Ashley Buzzeo 	<p>Submitted: 12/20/11</p>	<p>MD iMap Service Data Owners</p>
<p>WFS-Enabled OSPREY Services</p> <ul style="list-style-type: none"> • Follow up with owners of OSPREY data to determine if layers can be WFS-enabled 	<p>Submitted: 12/6/11</p>	<p>Julia Fischer</p>
<p>Log Package Acquisition</p> <ul style="list-style-type: none"> • Provide package name and cost for next meeting 	<p>Submitted: 12/6/11</p>	<p>Michael Bentivegna</p>
<p>Loading 2011 Imagery</p> <ul style="list-style-type: none"> • Will need to verify that the visual quality of .jpgs is as good as .tiffs 	<p>Submitted: 12/6/11</p>	<p>Jim Cannistra</p>
<p>NAIP 2011 Imagery</p> <ul style="list-style-type: none"> • Check that DNR has this information to be posted on MD iMap 	<p>Submitted: 12/6/11</p>	<p>Kevin Coyne</p>
<p>GreenPrint Mapping Application</p> <ul style="list-style-type: none"> • Determine if GreenPrint version on MD iMap infrastructure can be removed 	<p>Submitted: 11/15/11</p>	<p>Kevin Coyne</p>
<p>Data Submission Policy Updates:</p>	<p>Submitted:</p>	<p>Data and</p>

<ul style="list-style-type: none"> • Add “Update frequency, “Last updated” and “WFS-enable: Y/N” in Data Submission Policy 	10/4/2011	Resources Subcommittee
<p>WGS Basemap from OSPREY</p> <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
<p>SHA Basemap</p> <ul style="list-style-type: none"> • Cache being reviewed by SHA, awaiting their response • MXD being generated, cache to follow • Obtain information from SHA, re-cache and add as map service to MD iMap 	Updated: 3/6/12; 12/6/11 Submitted: 10/4/2011	Ashley Buzzeo
<p>GIS/Archives Appraisal Questions</p> <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
<p>Feedback/Requests concerning MD iMap</p> <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
<p>“Political Boundaries” Map Service</p> <ul style="list-style-type: none"> • MXD and data submitted by Cindy Powell at DNR • MXD modified in May 2011 • Review the “Political Boundaries” map service, determine the source and last update date 	Updated: 10/4/11 Submitted: 6/7/11	Ashley Buzzeo Brad Wolters
<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 	Updated: 4/5/11 Submitted: 3/15/11	Ashley Buzzeo Data & Resources Subcommittee
<p>Web Mercator Data Service Projection</p> <ul style="list-style-type: none"> • Need to move projections to Web Mercator • 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.) 	Updated: 3/6/12; 10/4/11; 4/5/11 Submitted: 1/4/11	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 	Updated: 1/18/11; 1/4/11; 12/21/10;	Data & Resources Subcommittee Co-chairs

<ul style="list-style-type: none"> • 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 	10/5/10; 8/3/10; 7/12/10; 6/22/10; 5/18/10 Submitted: 4/20/10	
<p>Basemap Template Upgrade/Gazetteer Service Update</p> <ul style="list-style-type: none"> • Review and provide feedback to Ashley Buzzeo (Technical Committee) • 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 	Updated: 6/7/11; 4/5/11; 1/4/11; 12/21/10 Submitted: 10/19/10	CGIS Data & Resources Subcommittee Technical Committee

Education & Outreach Subcommittee:		
Description:	Date Assigned:	Follow Up By:
Twitter/Communication Plan <ul style="list-style-type: none"> • List of every CIO for inclusion on email alerts 	Submitted: 11/15/11	GIO
<ul style="list-style-type: none"> • Link to Merlin needs to be added to MD iMap Portal webpage 	Submitted: 12/21/10	Lisa Lowe
<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:	Outreach Subcommittee

	3/16/10	
<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:
Online Mapping Application Contest @ TUGIS Discussion <ul style="list-style-type: none"> Provide text of what should go into the program concerning this contest Send to Jay Morgan: How many terminals might be needed for this contest? – 2 to 3 terminals? 	Submitted: 2/8/12	GIO
Executive Order <ul style="list-style-type: none"> Distribute updated Executive Order to Julia Fischer to distribute to Tech Comm 	Submitted: 12/20/11	GIO
Eastern Shore Imagery Assimilation <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 	Updated: 10/4/11; 6/21/11; 4/5/11	Ashley Buzzeo Jim Cannistra

<ul style="list-style-type: none"> • 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 	Submitted: 3/15/11	
<p>ELA Call List</p> <ul style="list-style-type: none"> • Email updated version of call list to Tech Comm 	Submitted: 9/20/11	Co-Chairs
<p>ArcGIS 10 Migration</p> <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
<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 	Updated: 9/20/11; 3/1/11 Submitted: 2/15/11	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 option (Phase 1) • Email consolidated list of requirements to Tech. Comm. <p>List has been generated and is available for review</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 Submitted: 7/12/10	Deputy GIO Application Subcommittee Technical Committee

<p>ICC Corridor</p> <ul style="list-style-type: none"> • Need to talk with Transportation about obtaining this information and re-cache the basemap 	<p>Submitted: 12/6/11</p>	<p>Ashley Buzzeo</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>
<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>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>

Introductions:

Round-the-room

ArcGIS Online, Google Earth Builder, Socrata Discussion

ArcGIS Online Premium

- Not expecting to have to pay additional for functionality for the next 2 years
- Future costs are unclear at this time
- Esri is looking to refine this product with a limited number of states, which includes Maryland
 - Could be used as a PR boost

- Excellent integration
- Template of Maryland w/ArcGIS Online services
- Cloud option
- Advertised via Esri
- Opportunity to offer a playground area for quick deployment
- Determine standards ArcGIS Online for light weight stuff, use MD iMap for longer term/heavy lifting

Google Earth Builder

- More security features
- Integrates with other Google products

Socrata

- Not overly expensive
- State has already purchased for “data” site
- Single layer at a time thinking
 - Upload shapefile or kml
 - Geodata service on MD iMap and integrate clip & ship – potential
- Basic product has been purchased
- Secured permission to use GIS extensions
 - On in beta
 - One turned on for testing
- Concern on 2 sides of data sharing: from GIS side, from non-GIS side

Question: Are we looking for Cloud space or continue to purchase hardware?

- Need policy to assure others don’t purchase or get involved individually if collective action isn’t taken
- Not an and/or, not a one or either only
 - Public and private presence implementation are popular for balance and efficiency
- Guidelines are needed:
 - This type of data goes here
 - This quick data goes here
 - Upload this data here
 - Who is each interface for:
 - Public
 - Contractors
 - Government
 - Local partners
 - Rationale needed

Rowland Agbede – all have pros and cons

- Socrata good with tabular data, not as much with geographic data

- ArcGIS Online familiar, lots of functionality
- Google concern about some data in cloud outside of the country (cyber security)
 - More mature than ArcGIS Online?

Matt Folley – ArcGIS Online Premium offered only limited amount more than free version

- Concerned that free version will be moved behind premium curtain in the future

Brad Wolters – ArcGIS Online Premium has administrative capabilities not allowed at free level

- Set up groups and sub-groups
- Version 10.1 is coming
 - More desktop/online integration to be unveiled
- Official, collective presence might be a better presence of GIS collective data
- ArcGIS Online Premium does offer additional functions for management
 - Size/storage monitoring
 - Larger storage size
 - More advanced template/wrapper
 - Recover data from discontinued accounts
 - Allow for 1,000+ feature geocoding

Kaushik Dutta – Culture change from what we have to cloud

- Need to be comfortable uploading secure data
 - Bigger question than technology question
 - Costs are similar
 - Functions all have pros and cons
- Hard to pull WMS services from ArcGIS into Google products is a stumbling block
- Google could give us pilot to test
- Benefit to go to the cloud
 - Calculate benefits and long-term risks
- Cost saving over 5 years if MdTA does to Google in future
 - MdTA doesn't want data posted on cloud
- Need secure offering for partners
- Public data can go into cloud – ok
- Even secure environment at MD iMap would take convincing

Barney Krucoff – ArcGIS Online Premium beta recommended

- Wants to at least try this option
- Pilot offered by Google
 - Volunteers to work with them directly
 - \$20,000 - \$40,000 additional costs

Action Item: MDP Pilot w/Google: double check w/Jim Cannistra – Matt Folley

- Need to move projections to Web Mercator
 - Isolating ourselves with State Plane

Conclusion:

- On board with ArcGIS Online
- MDP & MdTA with Google to test/pilot
- Check out both options further and report back to the larger group
- Socrata training has been scheduled
 - Setup feature service (clip & ship)
 - Test – want go in, look nice and export as .kml
 - Consume in Google Earth w/Kaushik Dutta
 - State Plane & Web Mercator version
- **Action Item:** Demo to group once ready – CGIS
 - Map service w/multiple layers are handled how?
- Determine how to manage ownership with lots of non-GIS users adding GIS data to understand
 - Official owner
 - Duplication limitation
- Now is the time to prepare for this

MD iMap on SwGi Discussion

- Get MD iMap on SwGi
 - Data only for government
 - Work together (agency/agency) in this environment
- DC: SDE model with 1 read-only account
 - Drawbacks:
 - Getting users out of system to do data updates
 - Other management issues (orphan accounts, memory issues, data locks)
- Time to change is when move to Version 10.1
 - Expose server and services
 - Additional capabilities at this version

Action Item: Invite design session with Esri/SwGi – Barney Krucoff

- Our goals for Version 10.1
- Answer what in house versus public system are being used for
- Get approval from Tech Comm of design
- Potential move summer 2012
- Conduct public access from web and state agencies through SwGi to:
 - Save money
 - Improve performance
- Private services can be made available to only those on SwGi
 - Government only data sets also a possibility
 - Secure data also a possibility

- Port size/bandwidth discussion
 - CGIS: 50MB (currently funded), can go to 1GB
 - Depends on what's being done though bandwidth as to how much growth is needed
 - Tiles are small
 - Desktop connection is ~10MB needed
 - Discussing Citrix/Remote Desktop option
 - Discussing efficiencies provided at Version 10.1
- SwGi – less latency, better returns
- Advantages: don't pay more for intranet traffic
 - Limit internet traffic for internal usage (cost savings)
 - Tailor services wrapped in network to protect/secure, offer other options
- SwGi/SDE direct connect analysis speeds?
 - Haven't been able to plug together to test yet

New MDA Application Demo

- Quick turnaround using ArcGIS Online
- Pesticide sensitive crop locator
 - Specialty crops
 - Licensed pesticide applicators to apply pesticides
 - Need to know where pesticide sensitive crops are
 - Particle, moisture & cleanup drift/contamination is possible
- Registry still done hard copy
 - Working to allow for online registry
- Enhance communication between producers and applicators
- Migrated to MD iMap in future and announced to public
 - Ideally before growing season starts
- Excel spreadsheet → geocoded using MD iMap locator/geocoder
- Get address of where pesticides are to be applied
 - Zoom to location
 - Click on symbols near location
 - Popup with/crop name and producers phone number
 - Contact producer to announce spray day
 - Minimize drift or stop if conditions change
 - Allow for bookmarks to be saved if respraying an area
- Future: provide draw tools for producers to create polygon of crop extent/crop parcels
 - Digitize sensitive crop extents
- Future: add other layers (Ex. – endangered species, which are also sensitive to pesticides)
 - Also weather (real-time)
 - Wind movement, predict movement of particles
 - Instruct to use measure tool to determine proximity (threshold pre-determined)

Question: What should final release be coded in?

- Flex? JavaScript? – no decision yet made
- ArcGIS Online is more cross platform compatible, including mobile

- SHA to redo bike map (HTML5 development anticipated)
 - Once completed, code to be made available to other agencies for future development
- GreenPrint mobile was programmed in HTML5 – share code

Data and Resources Subcommittee Updates

- Requiring metadata for all new data
 - Comes with database and server names
 - Being removed by CGIS
 - Please edit it out of your metadata
- Currently accepting metadata in all formats
 - Want to standardize format
 - Use xml standard
- Look w/Socrata and ArcGIS Online because tags and keywords will need to be considered

- All MD iMap at Version 10
- Added ICC to Gazetteer map service
- SHA roads out in June/July

- NAIP 2011 has been added
 - Awaiting for thumbs up to go to production/live
- Updated composite imagery to be included
 - Most up-to-date map service has no date in the name
- 6” imagery being added as processed

- Converting map caches from exploded to compact
 - Saves storage space, faster performance
 - NAIP 16GB originally → New size: 14GB
 - Gazetteer 90GB originally → New size: 14GB
 - Imagery ~8% decrease in file sizes
 - Vector Data ~60% decrease in file sizes

- Poll Map being installed with Esri’s help
 - Ask questions and aggregate results

- Portal updates (multiple)
 - Broadband application
 - StateStat application
 - Estuaries application
 - Housing Mapper application

- URL migration
 - towson.edu → mdimap.us → maryland.gov
 - can apply redirects
 - WFS will point to old domain, which was used to create

- Expect to use students to assist with migration or wait until Version 10.1 migration?
 - Depends on labor force availability
- Short-term vs. long-term solution

- Black/White Basemap
 - Custom fonts being installed and applied on MD iMap servers
 - Cache being reviewed by SHA, awaiting their response
 - Grid maps as another basemap?

Outreach Subcommittee Updates

Outreach Committee suggests:

- Change map and services gallery to something more like Esri – utilize internship to accomplish

Security Subcommittee Updates

No updates at this time

Other Business

Executive Order

- Went to legal
- A few “Where As” were added
- Took out call for budget meetings, conflict of interest
- Being circulated again
- Intent to be approved by TUgis 2012

TUgis 2012 Presentation

- Provide slides for promotion of aspects of MD iMap