



CUSTOMER SERVICE. ACCOUNTABILTY. EFFICIENCY. SECURITY.



GIS STEERING COMMITTEE

12/3/2015

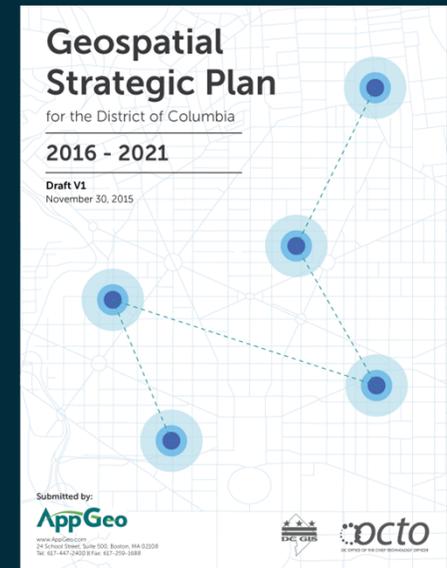




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AGENDA

- Welcome - Julie Kanzler
- News & Updates
 - Innovation - Julie Kanzler
 - Operations - Matt Crossett
 - Sensor Flight & Planimetrics - Mario Field
 - Training Update - Eva Stern
 - GIS Day - Alex Santos
- DC iCTO Remarks - Dave Bishop
- Strategic Plan Presentation - Kate Hickey and Rich Grady, AppGeo
- Round-table Discussions and Idea Sharing - All

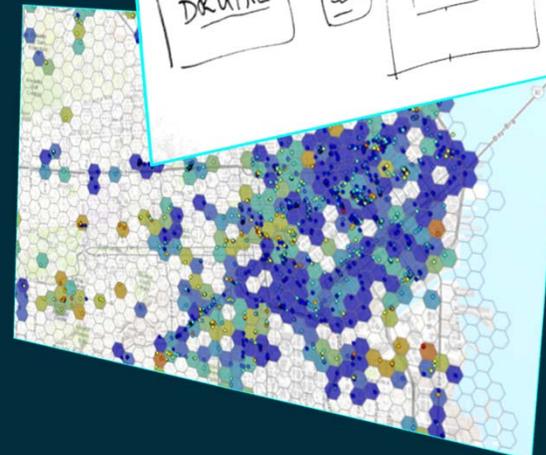
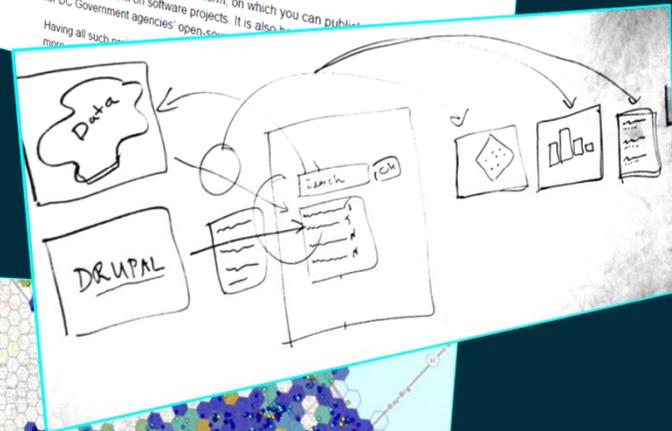
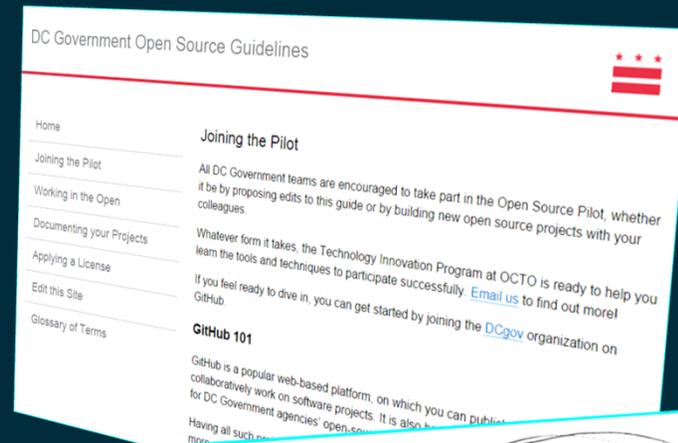




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INNOVATION Pilots

- DCgov GitHub
 - <http://dcgov.github.io/open-source-guidelines/>
- Search Engines for Data
- Big Data





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OPERATIONAL NEWS

- Geospatial Infrastructure Update
 - Re-architecture [October 10th]
- New data sources
- Enterprise software updates
 - Google Maps for Work API / XTools Pro / Year 2 of 3 Years ESRI ELA





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SENSOR FLIGHT UPDATE

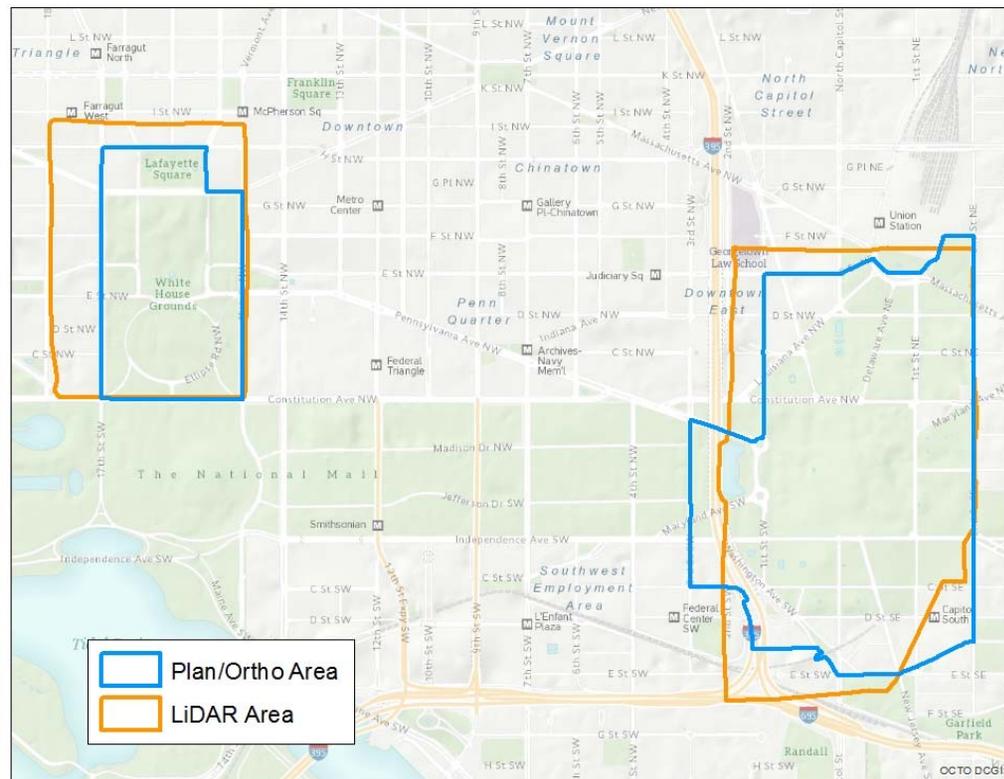
- QLI LiDAR data - accepted
- Orthophoto – acceptance by mid December
- Planimetrics – acceptance winter 2016





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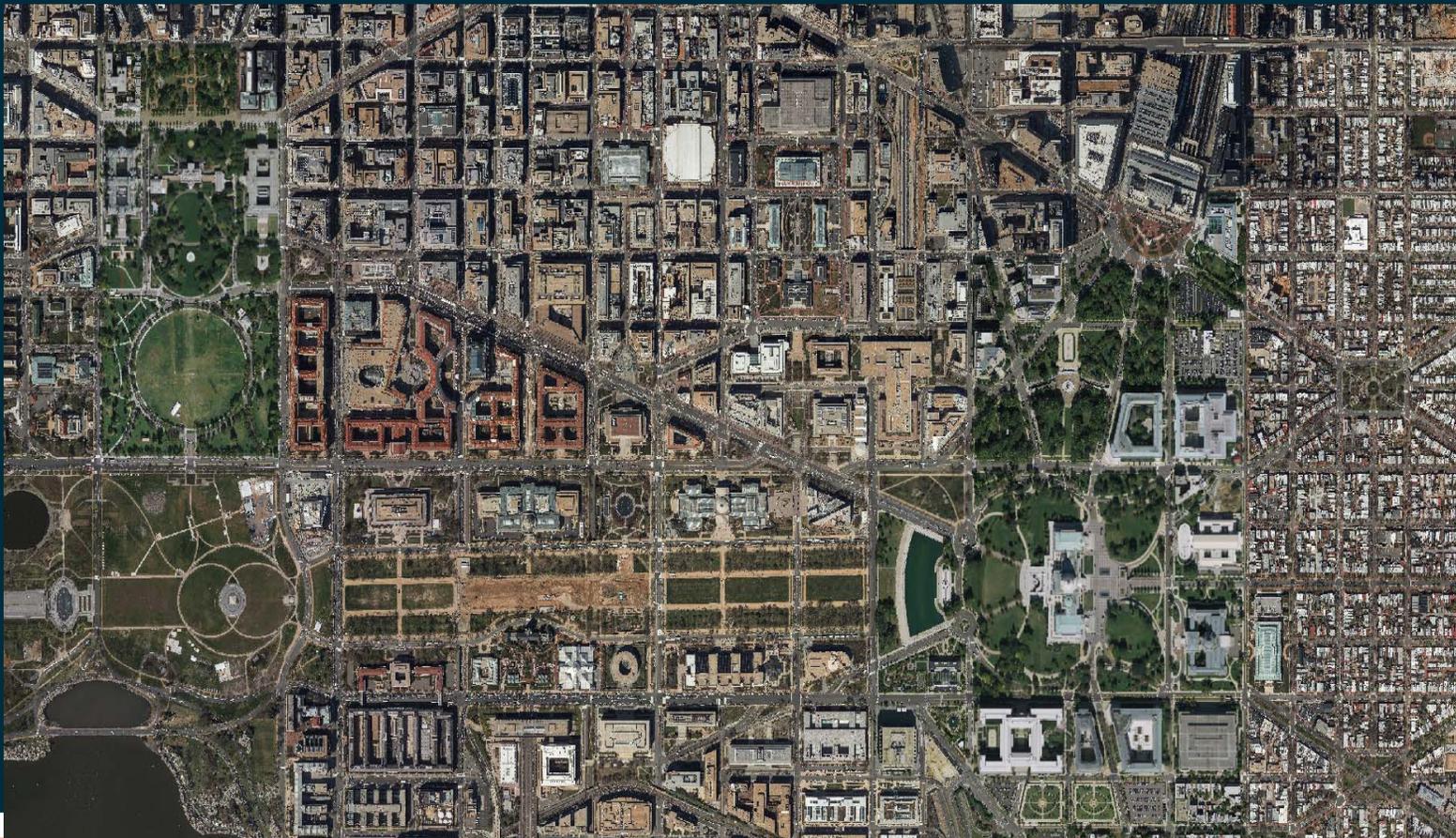
COVERAGE AREAS





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ORTHOPHOTO

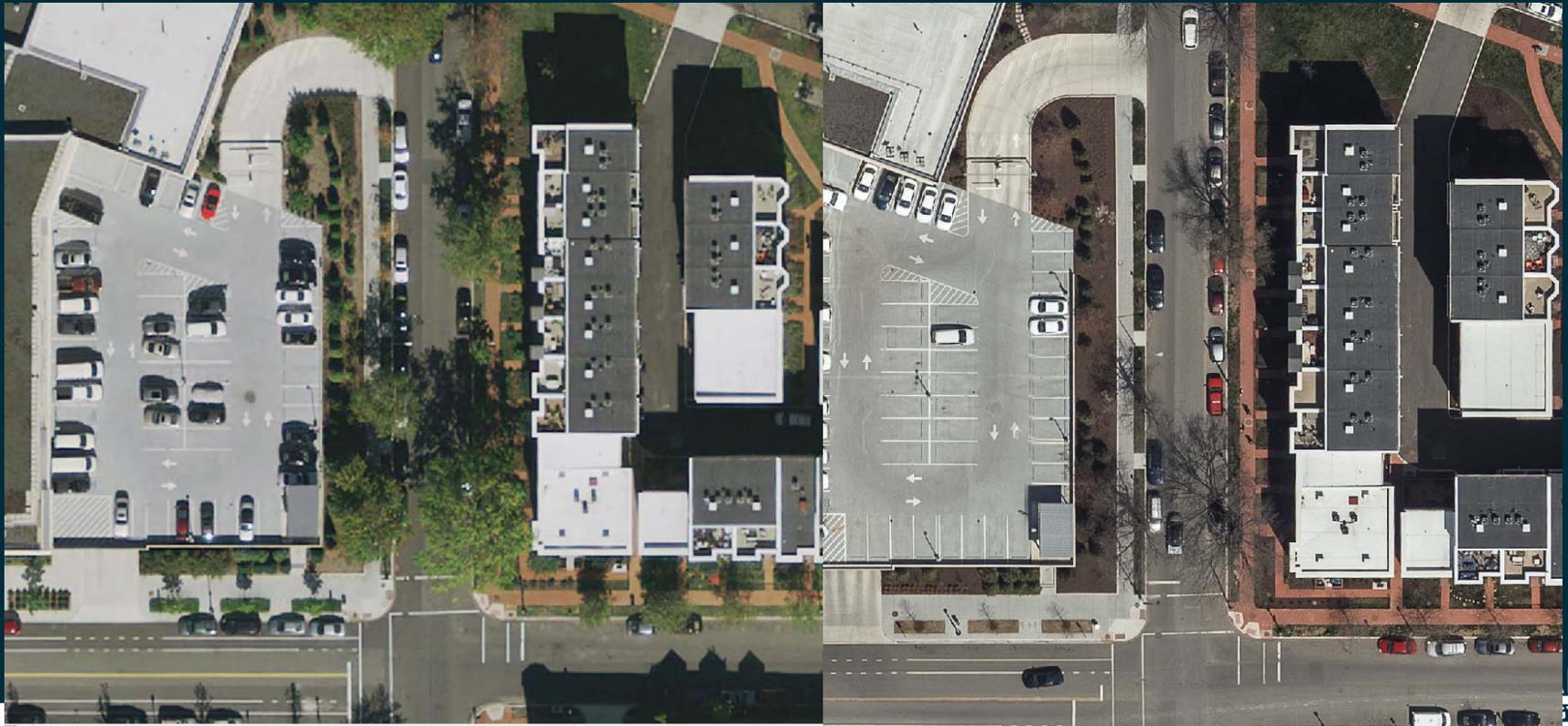




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ORTHOPHOTO
2013

2015





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TRAINING

- 30 credits available for Advanced ESRI training through OCTO GIS ELA
 - instructor-led and self-paced courses
- Courses are available to any agency personnel (FTE) interested in building on their existing GIS skills
 - Other opportunities for training are available for all staff
- Priority will be given to requests from individuals/agencies who have not taken training through ELA program within the last 6 months.
- Supervisors will be required to approve all training requests
- Email Friday 12/4 will go out to DC Government (internal) GIS email list.
- Steering committee members who are interested in participating in a review committee should contact Eva Stern.





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#DCGISDAY – NOV 18, 2015



- “Are You Smarter Than DC GIS?”
 - 4 hours of social media riddles, trivia and analysis
 - 271,262 – unique accounts reached
 - 665,858 – potential impressions (frequency)
 - 209 – posts (retweets, original, replies)



3 - Nov 18

.@OCTODC Me too! Hey, this wasn't some sort of elaborate job interview or anything? #DCGISDay



[View conversation](#)





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#DCGISDAY – NOV 18, 2015

- Why 665,858 potential impressions?
 - @dcist – 166k followers
 - Riddle Me This: OCTO Celebrates GIS Day With A Challenge
 - @GISday – 16k followers
 - Have fun and follow #DCGISDay for DC-centric riddles, maps & more #GISDay
 - @state_scoop – 8k followers
 - D.C. builds GIS buzz with social media challenge



CUSTOMER SERVICE

If you wanted to leave the city by bike lane, which river would you use to cross?



#DCGISDay



- Nov 18

@OCTODC River Road! #DCGISDAY



[View conversation](#)

DC's Department of Transportation asks...

What intersection or traffic circle would you find the convergence of two streets, two avenues and two roads?



DC OCTO liked

- Nov 18



@OCTODC @DDOTDC "Starburst Intersection"? -- Florida/Maryland Aves., NE, Bladensburg/Benning Rds., NE, H/15 Sts., NE, #DCGISDay



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I have stood my ground for more than a century. Yet you may have missed me as you walk by. Look for me about 25 feet SE of Southern Avenue where I meet an Indian. What am I and what is my designation?



#DCGISDay



- Nov 18

@OCTODC Southeast No. 7 Boundary Marker (NRIS #96001243) #DCGISDay



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SYSTEM UPDATES

- GIS Production Servers are running very well since the architecture updates
- Building Staging and Failover environment
- Configuring Development environment for DDOT
- Updated OpenLM License Monitoring Tool





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DATA UPDATE

- ATM
- Bus Stop
- Camera Enforcement
- Charter School
- Community Garden
- Crime Improvement Area
- Leaf Boundary
- Leaf Collection with Tonnage
- Liquor License
- Metro Station
- Museum
- Memorial
- Notary Public
- Public School
- Recreation Center
- Residential Recycling Pickup
- Residential Trash Pickup
- Snow Route

NEXT UPDATE

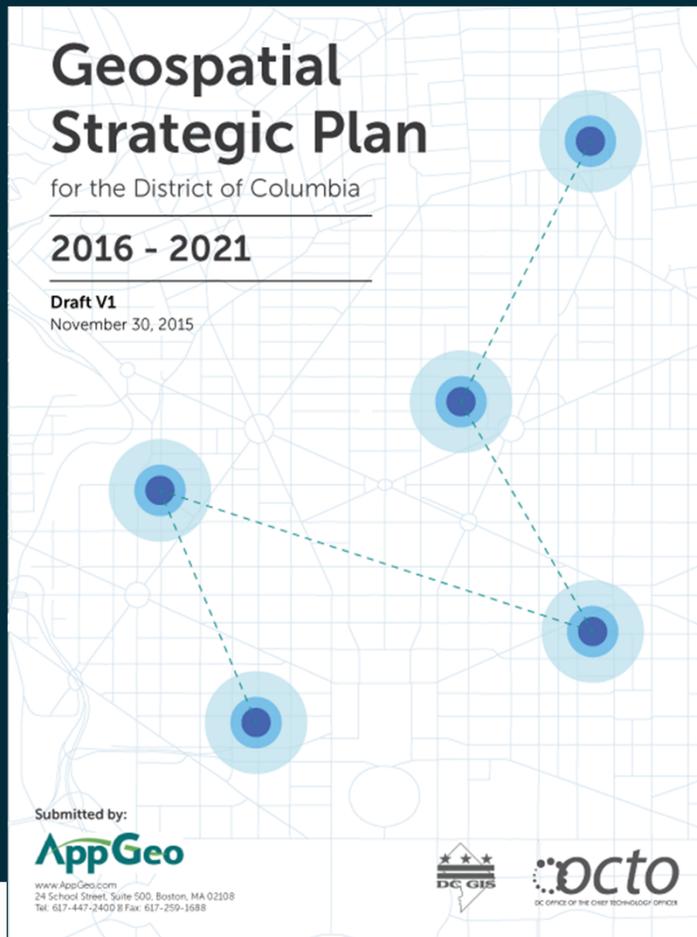
- Senior Service Network Participant
- Senior Village Boundary
- Service Request - 11 new service types
- Shopping Center





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GIS STRATEGIC PLAN – APPGEO PRESENTS



Expected Publication
Early 2016 (CY)

Executive Summary and
Goals available [here](#)





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THANK YOU
FOR JOINING US





DC GIS Strategic Plan Goals & Recommendations

December 3, 2015

Rich Grady
Kate Hickey



Current Project

Purpose: Update the 2009 Strategic Plan and the 2011 Business Plan.

- **Strategic Plan:** Identify high level goals, provide direction, build on successes and strengths of the current programs.
- **Business Plan(s)** focused on **Data** and **Service Delivery**
 - Goals, justification, technology trends, platforms, implementation plan, portfolio management, budget planning

Strategic & Business Planning

Project Outreach

- 65 respondents to online survey (Aug/Sept)
- Stakeholder workshop (GISSC meeting)
- 16 department/stakeholder interviews
- Numerous discussions with project team

Draft Strategic Goals & Success Factors

5 Long-Term Strategic Goals

1. Focus on geospatial data governance and delivery in alignment with District priorities.
2. Provide outstanding infrastructure and service delivery to the DC GIS stakeholder community.
3. Be innovative, adaptive and maintain a multi-platform geospatial technology strategy.
4. Sustain geospatial coordination through the GISSC and nurture new partnerships within the District.
5. Support data-driven decision-making and performance measurement.

#1, #2 are Focus of the Business Plan(s)

- 1. Focus on geospatial data governance and delivery in alignment with District priorities.**
- 2. Provide outstanding infrastructure and service delivery to the DC GIS stakeholder community.**
3. Be innovative, adaptive and maintain a multi-platform geospatial technology strategy.
4. Sustain geospatial coordination through the GISSC and nurture new partnerships within the District.
5. Support data-driven decision-making and performance measurement.

Success Factors for Long-Term Goals

#1 - Focus on geospatial data governance and delivery in alignment with District Priorities.

- a. Create a GIS Steering Committee data sub-group to focus on data requirements, maintenance, stewardship, interdependencies and notification/communication.*
- b. Seek commitment from agency leaders for sharing data of broad value.*
- c. Maintain and expand the “one-stop shop” of current, accurate, and documented DC enterprise and agency geospatial data. Ensure the availability and currency of core data sets.*
- d. Ensure that feature level metadata is current, readily accessible, and easily discoverable.*

Success Factors for Long-Term Goals

#1 - Focus on geospatial data governance and delivery in alignment with District Priorities (continued)

- a. *Expand the development and deployment of web services making current data easily accessible for casual as well as programmatic users.*
- e. *Support the increasing demand for agency data analytics and performance measurement with geospatial data.*
- f. *Continue to support the District's Open Data initiative by making high quality geospatial data publicly accessible and mapping/visualizing available open data.*
- g. *Review and modernize the DC GIS Federated Data Model with input from the GISSC stakeholders.*

#2 – Provide outstanding infrastructure and service delivery to the DC GIS stakeholder community.

- a. Enhance the utility, reduce the cost, and expand the interoperability of geospatial IT assets.*
- b. Increase agency awareness of DC GIS services among both technical GIS users and executive level leaders.*
- c. Continue to provide excellent technical training, support, and services to District agencies; Adapt to evolving demands and stakeholder needs.*
- d. Develop and deploy enterprise applications focused on the needs of the general public.*

Success Factors for Long-Term Goals

#2 – Provide outstanding infrastructure and service delivery to the DC GIS stakeholder community.

(continued)

- e. Maintain a stable geospatial platform and resilient infrastructure to reliably support business processes throughout the District.*
- f. Create a GIS Steering Committee service delivery subgroup to focus on evolving requirements and service delivery challenges.*
- g. Enhance the branding and marketing of DC GIS to highlight the overall program value to agencies, the public and the D.C. community at large.*

Success Factors for Long-Term Goals

#3 – Be innovative, adaptive and maintain a multi-platform geospatial technology strategy.

- a. Expand awareness and support utilization of **alternative platforms** (e.g. Google, CartoDB, Open Source) for consumption of DC GIS geospatial data and services through documentation and outreach.*
- b. Further **enable agencies to map business data** from non-geospatial sources and business systems.*
- c. Leverage **citizen participation** in data creation, maintenance and quality control, where appropriate.*

Success Factors for Long-Term Goals

#3 – Be innovative, adaptive and maintain a multi-platform geospatial technology strategy.

(continued)

- d. Enable and encourage “real time” mapping (e.g. “**tweet mapping**”) to show trending of events or issues in the District.
- e. Promote the availability of **new tools and resources** (e.g. street level imagery from CycloMedia) to the broader DC GIS community through the GISSC and social media channels.
- f. Create an **innovation lab to test and apply** emerging platforms and technologies that may be useful to agencies and the DC GIS community at large.

Success Factors for Long-Term Goals

#4 – Sustain geospatial coordination through the GISSC and nurture new partnerships within the District.

- a. *Continue to facilitate quarterly GISSC meetings to provide a forum for the exchange of info/ideas among OCTO GIS, agencies and the broader DC GIS community with an **emphasis on enterprise coordination** and stakeholder participation.*
- b. *Foster **citizen and civic engagement** through relevant public-facing applications and responsiveness to public feedback and inquiries.*
- c. ***Maintain dialogue** with community-focused organizations and non-profits and stay abreast of evolving needs for data and web services; create opportunities to engage and build awareness with new organizations.*

Success Factors for Long-Term Goals

#4 – Sustain geospatial coordination through the GISSC and nurture new partnerships within the District.

(continued)

- d. Showcase community success stories and **foster a community sense of shared value.***
- e. Support **educational initiatives** within the District (e.g. “adopt a school”).*
- f. **Attract interest** in the DC GIS program with innovative community events and outreach (e.g. geospatial hackathons).*

Success Factors for Long-Term Goals

#5 – Support data driven decision-making and performance measurement.

- a. **Enable agencies**, through tools and training, to map agency-specific, non-geospatial data sources (e.g. departmental business data) to measure performance and improve outcomes.*
- b. **Leverage emerging geo-analytical and visualization tools** to gain insight into events and patterns within the District and improve government responsiveness (see Success Factor 3f on innovation lab).*
- c. **Make use of emerging real-time data sources** for situational awareness and decision making.*
- d. **Share agency use cases and success stories** of data-driven decision-making and performance measurement.*

Next Steps

- Incorporate feedback
- Finalize the Strategic Plan
- Complete draft of the Business Plan(s)
- Finalize Business Plan(s)

Thank you for your participation
and feedback.

