



**District of Columbia  
Geographic Information System  
Steering Committee  
March 14<sup>th</sup>, 2012**

*Matt Crossett  
GIS Manager (Interim)  
District of Columbia  
Office of the Chief Technology Officer  
matthew.crossett@dc.gov  
202-442.7100*





# Agenda

- GISSC Business
- GIS News
  - ❖ Project Updates, New Applications and Migrations
  - ❖ ArcGIS Server Stability & Map Service/App Protocol
  - ❖ ArcGIS.com for Organizations (Beta)
- Data Report – Mario Field
- Training Report – Alex Santos
- Agency Presentation (DDOE – GreenUp DC)
  - Jennifer Guillaume and Emil King





# Introductions & Quorum





## Minutes from last meeting





## News and Notes



- OCTO GIS Program Manager-position open until filled
- Summer Youth right around the corner...open to ideas.
- Received positive feedback on Fall 2011 BBand deliverable – Spring deliverable due April 1, 2012
- No flight this spring for planimetric update
- OOB Lottery Support – DCPS
- Circulator Map ([link](#)), goDCgo, TOPS, Retail, Leaf, Snow
- Inset Map for Report from Deputy Mayor for Education Office (Quality Schools, Every Child, Every School, Every Neighborhood) ([link](#))
- NCR Data Exchange Phase 1 Complete
- Public Mobile SAR Application goes live this week
  - (See Something, Say Something)



## News and Notes



- MAR Updates
  - Comprehensive review of the theoretical address ranges of the MAR Blocks with the goal of improving these address ranges.
  - Working with agencies on new political updates (Ex. BBOE)
  - Results from Annual USPS County Project
  - Census and Political Boundary updates
  - Review of roadwayseg id's (these tie addresses to street segments)



## News and Notes



- Per Business Plan, continuing with ArcIMS migrations
  - EBIS
  - Water Shed Finder & Flood Zone Finder
  - CrimeMap & PSA Finder
  - DC Property Finder & Property Search
- ArcGIS Server Stability
  - Recurring issues late November - early January
  - Replaced the SOM server
  - Have mirrored system at COLO (Co-Location in Reston)
  - Thinning of Map Services
- ArcGIS.com for Organizations (Beta)
  - Anthony Puzzo



# Data Report

## Mario Field





# Updated Datasets



- **Architect of the Capitol**
- **Business**
- **Car Sharing Site**
- **Circulator Line and Stop**
- **DDOT Project**
- **DDOT Valet Permit**
- **DDOT Emergency Work Order**
- **District Agency**
- **District Property Location**
- **Hospital**
- **Main Streets**
- **Notary Public**
- **Office of Aging - Lead Agency Location**
- **Other Bus Line**
- **Police District**
- **Police Service Area**
- **Police Station**
- **Public School**
- **Snow Area and Zone**
- **Snow Route**
- **Street Centerline**
- **Street Light**
- **Street Tree**
- **Suspended Street**
- **University Area**
- **Ward – 2012**
- **Wireless Hot Spot**



# NAVTEQ Regional Data



- **38 Layers from 2011**
- **Original Data from 2004**
- **Themes**
  - **Boundary**
  - **Business**
  - **Landmark**
  - **Land Use**
  - **Transportation**
  - **Water**



# NAVTEQ Regional Data





## Next Data Load



- **Aerial Photography Hybrid – 2011**
- **ANC 2012**
- **SMD 2012**
- **Pictometry POL (December 2011)**



# Training Report

## Alex Santos





# Training Report



## Class Attendance as of March 9, 2012

- Overview: 37
- Google DC: 37
- ArcGIS: 9

New course presented at January course, received well by attendees

Next class: May 23-24 (2 Days)

## Advanced Training

- 30 Credits will be available to FTEs for FY 2012
- Preference given to employees who have not previously used credits
- Email will go out to DC GIS Desktop user mailing list this week
- Make sure to sign up! <http://dcgis.in.dc.gov> click on green subscription button.



# Training Report



## Training Challenges

- Citrix access issues for agencies on different domains (e.g. DOH, DMH)
- Non-Supported upgrades
  - Windows 7 (requires unsupported Citrix plug-in)
  - ArcGIS 10

## Training Successes

- DOES represented at Overview training in February
  - On-site training scheduled for 3/15
- On-site course scheduled for CFSA 3/28



## Agency Presentation

**DDOE – GreenUp DC**

Jennifer Guillaume and Emil King





# green up dc

A Collaborative Effort between  
DC GIS and DDOE



# What is Green Up DC?

**green updc**

Welcome | Plan Your Projects | Installed Projects | Program Status | Resources & Information

Not Logged In | Log In

## Welcome to Green Up DC

Green Up DC is an online tool to help District of Columbia property owners design, plan, and install green projects on their properties. You can lower your bills and protect the environment by saving energy and reducing stormwater runoff.

[Learn How](#) You Can Make a Difference

### A Quick Look Inside

- Plan**  
**Plan Your Projects**  
Plan your own project and see other projects being planned.
- Explore**  
**Installed Projects**  
See what other projects have been installed.
- Track**  
**Program Status**  
See real-time charts for the

Green Up DC is an interactive web tool that allows residents, businesses, and other property owners to learn about their property's energy use and stormwater discharge.



# Background and Process



The Watershed Protection Division, Stormwater Management Division, Office of Policy and Sustainability, and the Office of Energy had similar programs and goals that included:

- **For DC residents:**
  - **one central location** property owners could go to investigate available options for reducing energy usage and minimize impacts of stormwater runoff.
  - a tool that would enable users to **visualize** completed or planned projects.
  - a tool to provide users with the **tools to quickly determine what they can do** to reduce energy usage and stormwater runoff.
  - allows users to **see the benefits** for themselves and their community.
  - allows users to easily understand **how to implement** solutions.
  - promotes **efficiency and transparency** through reporting of current program metrics



- **For DDOE:**

- The tool will **track** energy reduction and stormwater activities
- **create reports** that will allow DDOE staff to provide **up-to-the-minute statistics** to the Mayor, Council, Environmental Protection Agency, and other stakeholders on the energy performance and stormwater reductions of participating dwellings, businesses, and publicly-owned facilities.
- Finally, the web tool will aid DDOE in **sending targeted messages** to, and receiving feedback from, property owners that opt to register as site users.



# Similar tools out there...



- There were a number of municipalities that were implementing similar tools – Portland and Seattle had stormwater tools and San Francisco and Sonoma County had solar maps... **why can't we combine stormwater and energy into one?**





## Next Steps



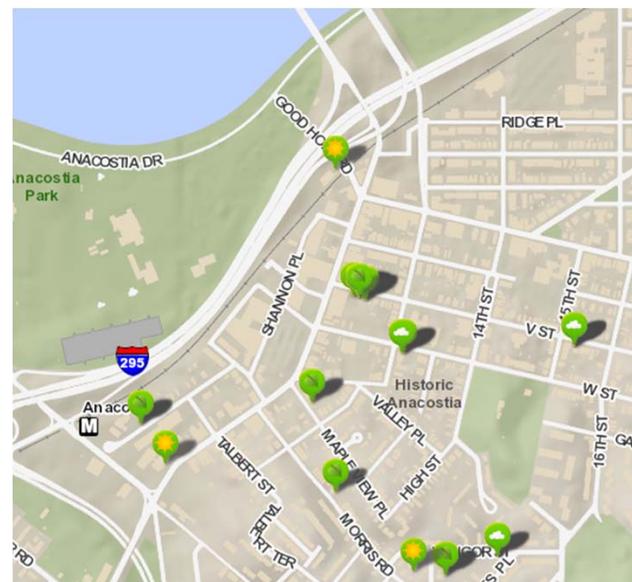
- Met with several OCTO and DC GIS colleagues
- Developed a Scope of Work
- Went through the contracting and procurement process
- Selected Critigen as the contractor



# DC GIS involvement



- Served as Technical Advisor in RFP evaluations
  - Display Powered by DC GIS Map Services
    - DC Basemap
    - Property Basemap
    - 2010 Orthophoto
    - MAR Web Services
    - Solar Reflectivity from 2008
- First return LIDAR

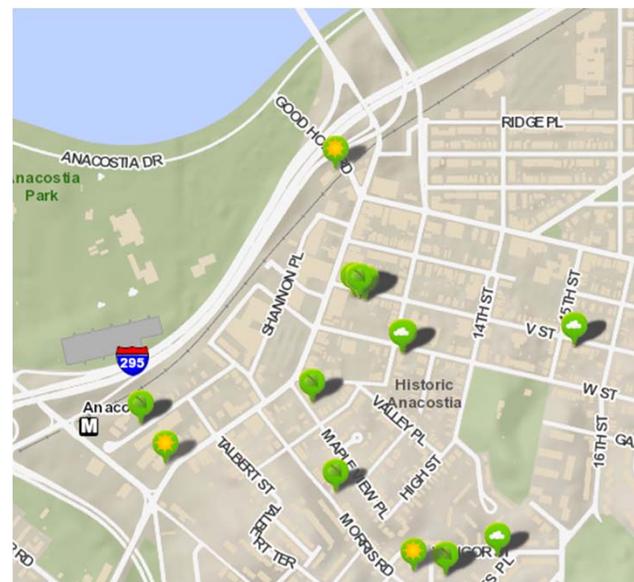




# DC GIS involvement



- Query powered by DC GIS map services
  - Property and Land
  - Environment
  - Historic
  - Facility and Structure





# Live Demonstration

