

## In This Issue

- Click here for Better Maps, Better Data, Better Decisions and use our GIS Dataviewer
- Click Here to visit our homepage and read back issues of the newsletter!
- Send us your comments or story ideas! Email to GIS Email. Check us out on Face Book!



Click Here to verify an address

Address Validation E-Tool

Or Visit:

[www.columbusga.org/gis](http://www.columbusga.org/gis)

- Breaking News -  
-Dave Cooper-  
GIS's Newest  
GISP!



GIS Day is  
November 15 at the  
Columbus Civic Center!  
Guest Speakers Include:

Victoria Barrett  
Columbus Water Works  
Nick Cummings  
Columbus Water Works  
Michael Burgess  
Columbus Consolidated Government  
Tina Rust  
River Valley Regional Commission

Created & Edited By:  
Dave Cooper & Sandra  
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Welcome to the GIS Division Newsletter! We hope to bring you news about our work and future projects. Let us hear from you.

## Interview with Michael Burgess, Department of Engineering, Stormwater & Floodplain Programs Manager



How long have you been using GIS?

I have used GIS for at least 6 or 7 years, just scratching the surface of its capacity for the longest time. However, it was only after a course in GIS that I took during my Master's degree program at CSU that I began to realize how powerful GIS could be in my day-to-day work, and how I can better serve our citizens by utilizing it. I am now able to do all types of spatial analysis on my own.

Describe how GIS data and or systems is used in your department. Primarily, my use of GIS is associated with providing input into the review of Land Disturbing Permits, to include commercial projects and new Subdivisions, as far as the potential

impacts of flooding are concerned. I also use GIS to assist our citizens, mortgage companies and insurance agents in dealing with flood insurance related questions. Lastly, our closed-circuit television camera truck, used to capture video the inside of the Storm and Combined Sewer Systems, uses GIS technology to display pipe attributes and create inspections. The software package used on the truck generates a pipe defect log that allows the Public Services Department to dig right on top of the problem area in order to make repairs.

If GIS has improved something for your department, tell us how. As opposed to diving into filing cabinets and paper files to retrieve information such as construction drawings, subdivisions plats, flood maps or any other paper based geographic information, once scanned into a digital form, can be incorporated (with a little massaging) into the GIS and are available in a few mouse clicks. What used to take minutes can now be done in seconds.

Tell us how your department performed the task(s) prior to utilizing GIS. Pen and paper, transparencies, scales, straight edges... Caveman stuff. What's funny is that ten years from now I will no doubt share that same assessment of the technology we have now.

What would you like to see incorporated in GIS data or systems? We are currently working on an open drainage system inventory that will be a new addition to the GIS. I would also like to see an inventory of privately owned stormwater ponds added.

What are your department's future plans with GIS? I will be looking more closely at, and hope to take a course to be able to utilize, an extension of ArcMap called ArcHydro. ArcHydro is able to delineate watersheds, both large and small, and is capable of tracking a drop of rain as it moves from its point of impact to our creeks, lakes and eventually to the Chattahoochee. This product will allow us to better track pollutants from where they enter our creeks back to their place of origin.

In what areas can GIS improve for your department? In the next couple of years our Flood Insurance Rate Maps will undergo incorporation into an All Hazards Map product. FEMA, who will be developing these maps, will provide the City with GIS data layers that will make my job much easier and will allow me to provide individuals with information about different stages of flooding scenarios for their property, instead of the single flood event we are capable of now. It is definitely an exciting time.

Want to know more about what CCG Stormwater is doing with GIS?  
Come to GIS Day on November 15, from 2 PM until 4 PM at the  
Columbus Civic Center and find out!

# Columbus GIS Web Portal Newsletter

Sept, 2011

## Locating A Parcel Using The GIS Web Portal

This issue we will begin a three part series on using the property search tools that will take you from locating a parcel and owner to creating a mailing list.

Part one of the series will deal with locating a parcel, part two will introduce you to the Market Analysis Tools and part three will show you how to use the Property Analysis Options and create a mailing list.

So let's get started with Part One, Locating A Parcel.

After logging onto your account you will notice there are three tools bundled together under the Property Search Tools tab for locating parcels using the Web Portal and they are :

- ? Owner Search
- ? Address Search
- ? Parcel Search

We will look at using the Owner

Search tool first. Using this tool you can search for the name of the person who owns the property.

*Note: Each tool has an example of how to enter the inquiry directly above the search fields.*

For this example we are going to locate properties owned by the City of Columbus. Following the example below enter "georgia" as the first name and "columbus" as the last name and click the search button.

Your search results will display below the index map (see illustration below). Looking over the results, click on the 'Map' icon for the second one from the top.



This will bring up the location map of the parcel along with the property information for that parcel.

(See Page 2 for illustration)

Next we will search for a parcel by using the address search tool. Enter "420" for the Street Number and "10th" for the Street Name and click the

## Did You Know?

That Columbus is the northern most navigable point of the Chattahoochee River from the gulf of Mexico, (Latitude 34.464059", Longitude -84.997629")?

For more about the History of Columbus go to:

<http://www.columbusga.org/history/>

Explore the Columbus Consolidated Government's GIS Division homepage - to get started just click on the banner below!



Let Us Hear From You!

How do you use the GIS Portal? How can we improve it? Or do you just want to know how something works on the site - just put it down in an email and send it to:

[GIS Portal Newsletter Feedback](#)

We look forward to hearing from you!

# Columbus GIS Web Portal Newsletter

search button.

Your search will return four results. Click the 'Map' icon for the third one from the top, which will be 420 10th Street.

This will bring up a map of the Development Resource Center.

Finally we will look at searching for a parcel using the Parcel Search tool.

Here you will enter a nine digit parcel number to locate a given

parcel, for this example enter:

003 005 001

Note: Be sure to include the spaces between each set of numbers.

Click on the 'Map' icon for the first result, which will have an address of 100 10th Street.

By now you may have noticed that each time you have clicked on the 'Map' icon the 'Property Information' pane has

populated. This pane will display the owner of the property, the address, legal description and value of the property along with the deed book and page number (if the data is available).

Property Information	
Parcel ID:	003 005 001
Owner:	COLUMBUS GEORGIA
Co Owner:	GOVERNMENT CENTER
Address:	100 10TH ST
Legal Description:	COURTHOUSE SQUARE NT
Building SqFt:	
Tax District:	5
Appraised Value:	\$16,593,856.00
Assessed Value:	\$6,637,542.00
Taxes:	EXEMPT
Homestead:	
Deed Book-Page:	
Plat Book-Page:	

**Property Information**

Parcel ID: 114 022 013  
 Owner: COLUMBUS GEORGIA  
 Co Owner:  
 Address: 0 GARFIELD DR  
 Legal Description: LT 450 REP OF LTS 4 & 5 BK C CARVER PK 2ND ADDITION  
 Building SqFt:  
 Tax District: 1  
 Appraised Value: \$31,668.00  
 Assessed Value: \$12,667.00  
 Taxes: EXEMPT  
 Homestead:  
 Deed Book-Page:  
 Plat Book-Page:

**Property Search Results**

OWNER SEARCH: COLUMBUS GEORGIA

REC	PARCEL#	OWNER	ADDRESS
1	017 023 004	COLUMBUS CENTRAL OF GEORGIA	1042 15TH ST
2	114 022 013	COLUMBUS GEORGIA	0 GARFIELD DR
3	017 031 007	COLUMBUS GEORGIA	1416 3RD AVE
4	095 015 061A	COLUMBUS GEORGIA	0 AMBER DR
5	017 031 018	COLUMBUS GEORGIA	1431 VETERANS PKY
6	003 012 099	COLUMBUS GEORGIA	801 BAY AVE
7	050 001 009	COLUMBUS GEORGIA	927 LAWYERS LN
8	017 031 003	COLUMBUS GEORGIA	1438 3RD AVE