

## Carolina Chapter - URISA



# *THE ATTRIBUTE*

## NEWSLETTER FOR THE CAROLINA GIS PROFESSIONAL

Summer 2013

Volume 8, Issue 1

### *OFFICER'S ADDRESS*

#### SPECIAL POINTS OF INTEREST:

- > Announcements
- > Conferences
- > Member Spotlight

#### INSIDE THIS ISSUE:

|                         |   |
|-------------------------|---|
| Officer Address         | 1 |
| Member Spotlight        | 2 |
| Chapter Contacts        | 3 |
| Conference Calendar     | 3 |
| Healthy life expectancy | 4 |
| GIS News                | 5 |
| Job Announcement        | 6 |
| Announcements           | 7 |

July, 2013 Carolina URISA Newsletter

The old poem by Samuel Taylor Coleridge (paraphrased) goes..."Water, Water, Every Where and Not a Drop to Drink". It seems like in the Carolina's we have had our share of water in the form of rain this Spring and Early Summer. Where I work this makes the foresters happy and the farmers sad. The foresters are in good spirits because all the rain lessens the threat of wildfires. The farmers lament that their crops will rot in the field and their machinery will get bogged down.

For Carolina URISA it seems like we have been underwater since the 2013 NC GIS Conference. The conference takes a lot of planning, volunteer time and effort every two years. The problem is that to do Carolina URISA's part with all volunteers sometimes leaves our board members and supporters a bit burnt out...or in this analogy...under water. Have no fear though...the weather has cleared and things we have been doing behind the scenes will become self evident soon.

Carolina URISA has been working on some new training options that I believe our members will really appreciate. In addition, we are one step away from redoing our website to make it more user friendly and easier to update. We are also keeping an eye on the board transition that will occur at the end of the year.

At International URISA, there has been a significant reorganization which involves the chapters becoming more involved in board decisions. This is significant as it will allow CURISA to have a greater impact on our parent organizations direction.

I think I speak for the board when I say that we appreciate your membership and look forward to serving you this year.

Best Regards

Tim Muhs, CURISA President



## MEMBER SPOTLIGHT

This quarter CURISA asks one of our members a few questions

**Please tell the readers a little about your career. (Where do you work? What do you do for that organization? How long have you been there?)**

I have worked in Florence County SC as the GIS Manager since June of 2007 when Florence created the GIS Department.

**How did you first learn about GIS and how have you become more involved in GIS over the years?**

I choose GIS as a career in 2000 while employed by the City of Sumter, SC as a way to advance in the organization. GIS technologies were just getting started in the City and I was very excited about the opportunity to put the technology to use. It amazes me the infinite number of ways to use GIS!

I serve on the Registration Committee for SCARC and am currently researching alternatives for managing our extensive user database and conference registration process.

Additionally, I am also working a project committee with SCGAA to develop a statewide comprehensive report within South Carolina identifying geospatial data availability (resource inventory including metadata), policy for distribution, pricing and key contacts.

**How has your college experience prepared you for a career in GIS?**

My educational experience has provided me with skills necessary to understand the business aspects of being a GIS Department Manager.

**What has been the biggest change in GIS since you began your career?**

The biggest change I have noted is the increased number of people using GIS and the increase in females in this career field. From a technical ESRI standpoint, it was the migration from ArcView 3x to ArcGIS 10 and from shapefiles to geodatabases.

**What is your favorite hobby?**

Horseback riding

**What is your favorite movie of all time?**

Wizard of Oz

**Introducing  
Crystine Hoge  
GIS Manager  
Florence County, SC**



**“ I am  
strongly  
rooted in  
how GIS  
impacts a  
community“**



**We are looking for interesting  
subjects for our next interview!**

This is an excellent opportunity to showcase someone's talents, learn from and about fellow members, and share with CURISA members. If you know someone who you would like to see interviewed and hear what they have to say about CURISA, GIS, etc., please email the editor at:

[ccole@ncdot.gov](mailto:ccole@ncdot.gov)



## CHAPTER CONTACTS—WHO'S WHO

Tim Muhs, President  
Bryan Townsend, Vice President  
Rachel Hood, Treasurer  
Cathy Cole, Secretary

mailto: tim.muhs@ncagr.gov  
mailto: bryan.townsend@yorkcountygov.com  
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### Advisory Board

Kristian Forslin, Triangle Region  
Kathryn Brewer, Past President  
Cyndi Hendricks, Past Treasurer  
James Armstrong, At Large Member  
Crystine Hoge - SC East Region

### Advisory Board

Pam Carver—Mountain Region  
Jo Anne Manley - Piedmont Region  
Kelly Fritz—At Large Member  
Kirby Whitley—Coastal Region  
Gene Hume—LCG Representative



Don't hide in the grass  
Come join us!

## Conference Calendar

- GIS-Pro: URISA Annual Conference for GIS Professionals - Providence, Rhode Island September 16-19, 2013
- GIS in Public Transportation Conference - Washington, DC October 16-18, 2013
- NC ArcGIS Users Group - Carolina Beach, NC October 23-25, 2013
- URISA/NENA Addressing Conference, St. Louis, MO November 3-6, 2013
- SC Arc GIS Users Conference - Columbia, SC February 10-11, 2014

## MAPNIMBUS.COM

### THE ULTIMATE PUBLIC WEB PORTAL

THIS DYNAMIC WEB PORTAL'S EASY-TO-USE INTERFACE ALLOWS CITIZENS ACCESS TO IMPORTANT, RELEVANT LOCAL GOVERNMENT INFORMATION. DATA IS NOW ONLINE AND READILY AVAILABLE TO THE PUBLIC!

#### WHAT'S HAPPENING IN MY NEIGHBORHOOD?

- CRIMES
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- RESTAURANT SANITATION GRADES
- CAPITAL IMPROVEMENT PROJECTS
- RECREATION EVENTS
- CODE VIOLATIONS
- AND MORE



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- ✓ WAYNE COUNTY
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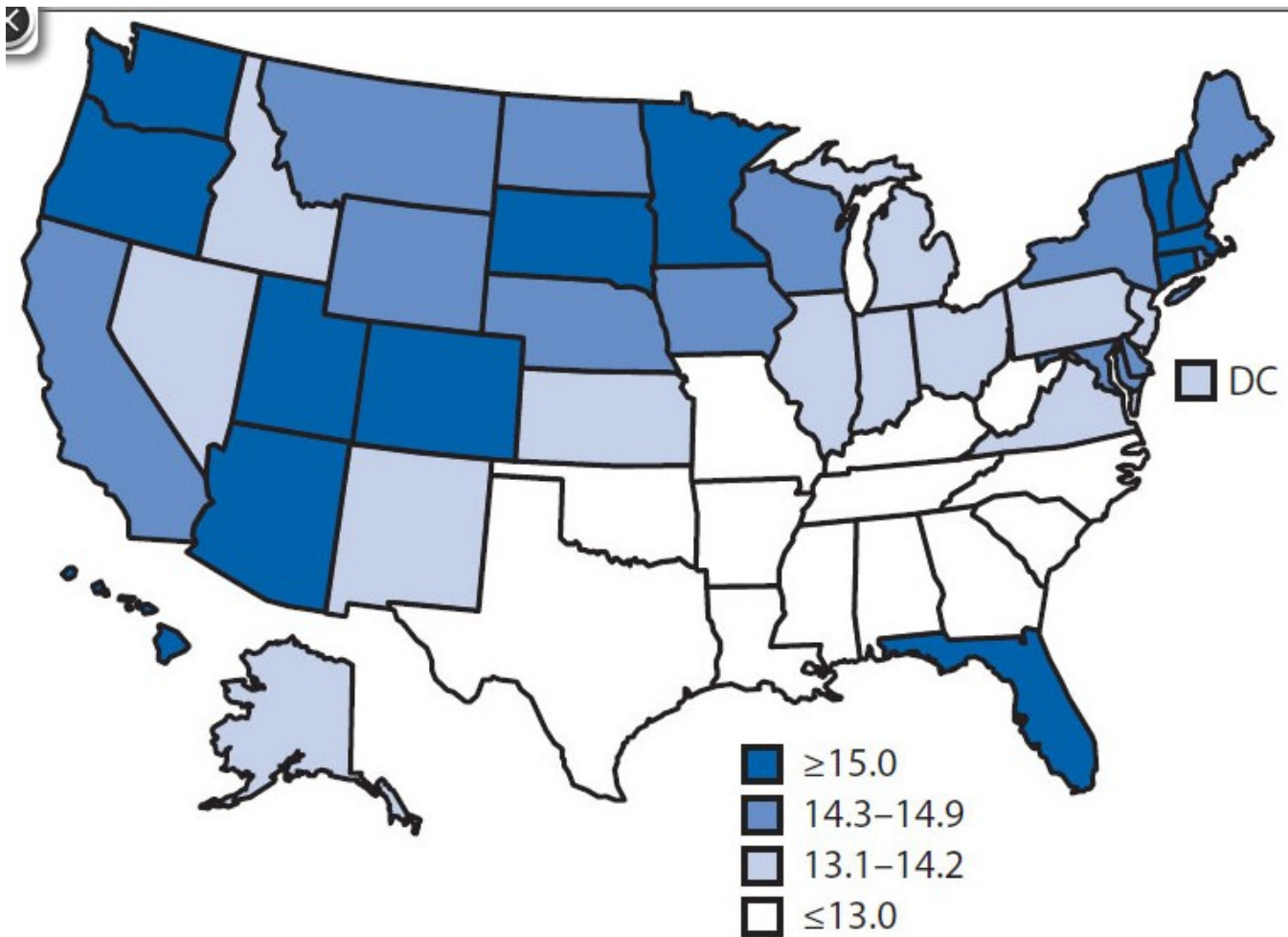
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Ask for the MapNimbus Team!

## Older Adults in South Have Fewer Healthy Years Left

By Rachael Rettner, Senior Writer | July 18, 2013

- See more at: <http://www.livescience.com/38264-healthy-life-expectancy-south.html#sthash.64EMhBiT.dpuf>



Older adults living in the southern United States have fewer healthy years of life ahead of them than those living in other parts of the U.S., according to a new report from the Centers for Disease Control and Prevention (CDC).

Researchers measured "healthy [life expectancy](#)," or how many years a person can be expected to live in good health. (Healthy life expectancy is thus a certain percentage of a person's total life expectancy.)

The lowest-ranking state was Mississippi, where 65-year-olds can expect to spend 61.5 percent of their remaining life in good health. They have an average of 10.8 healthy years ahead of them, out of an average of 17.5 years total of expected life ahead of them.

- See more at: <http://www.livescience.com/38264-healthy-life-expectancy-south.html#sthash.64EMhBiT.dpuf>





HAVE YOU EVER WONDERED ABOUT . . .

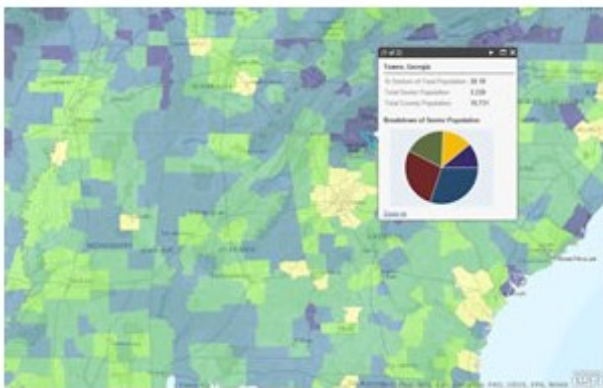
## Plan Ahead to Serve an Aging Work Force

By Brent Roderick ESRI Product Marketing

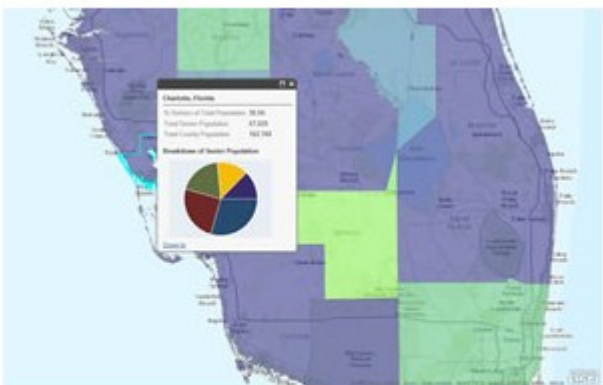
Taking that extended cruise or overseas vacation. Eliminating the long daily commute. Moving to a warmer climate. Dreams like these are fading fast for thousands of people in the United States who are nearing retirement age. Many have cancelled or postponed retirement because they lost a good job, the value of their house plummeted, or their 401(k) assets were decimated during the Great Recession. Some now believe they'll keep working at least part-time just to pay the bills. Others who really enjoy their job and are still in good health want to continue working.

The US Census Bureau projects that by 2050, there will be 88.5 million Americans age 65 and older—more than double the population of seniors today. With more people staying in the work force longer, companies and government agencies must plan ahead to determine what types of goods and services they will need. Esri's [2012/2017 Updated Demographics](#) data includes current year-updates and five-year projections of population, age by sex, race/ethnicity, income, family type, current year disposable income, and more.

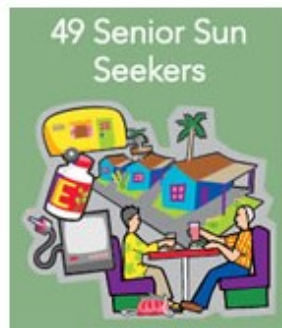
Read the entire article at: <http://www.esri.com/esri-news/arcwatch/0613/plan-ahead-to-serve-an-aging-work-force>



Some rural counties such as Town County, Georgia, have higher percentages of senior citizens living there compared to the counties in the Atlanta metro area.

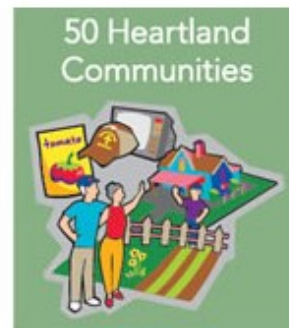


Florida remains a major retirement destination. People 65 and older account for more than 35 percent of the population in Charlotte County.



L5 Senior Styles  
U9 Small Towns  
MC w/No Kids; Singles  
52.5  
Lower Middle  
Retired/Prof/Mgmt/Skilled/Srvc  
HS Grad; Some College  
Single Family; Mobile Home/Seasonal  
White

Member fraternal order, veterans' club  
Own annuities  
Go fishing, read, play bingo  
Watch game, news shows on TV  
Own/Lease station wagon



L5 Senior Styles  
U9 Small Towns  
Mixed  
41.8  
Lower Middle  
Skilled/Prof/Mgmt/Srvc  
No HS Diploma; HS Grad  
Single Family  
White

Work on lawn, garden, DIY projects  
Own shares in mutual fund (bonds)  
Order products from Avon  
Watch cable TV  
Own/Lease domestic vehicle

Esri's Tapestry Segmentation data provides demographic and lifestyle information about many different segments of the population, including senior citizens.



## JOB OPPORTUNITY

JOB CLASS TITLE: Operations And Systems Specialist

POSITION NUMBER: 9049 DEPARTMENT: Office of State Personnel

SALARY RANGE: \$34.43 /Hour SALARY GRADE / SALARY GRADE EQUIVALENT: CB

COMPETENCY LEVEL: Journey APPOINTMENT TYPE: Temporary Full-Time

WORK LOCATION: Wake County

OPENING DATE: 07/12/13 CLOSING DATE: 07/31/13 5:00 PM Eastern Time

### DESCRIPTION OF WORK:

This is a temporary position. There are no leave, health insurance, retirement or any other type of benefits offered with this position. Visit [www.nctemporarysolutions.com](http://www.nctemporarysolutions.com) for employment information.

This position calls for an applications developer for GIS-related activities, and includes the architecture, design, development and implementation of web-based geospatial-related applications. The ideal candidate will have:

Knowledge of GIS and relevant software packages, including ESRI's ArcGIS 10.x (Desktop and Server products (map server components) and Spatial Database Engine (ArcSDE). Experience developing GIS applications, Geodatabase Design, and the analysis of complex projects. Knowledge and experience with GIS application development, web development, computer programming, and business process automation using ESRI GIS technologies (MS SQL Server) required. Demonstrated experience creating and managing map/data services and web-based content including both SOAP and REST .Programming experience using Flash Builder/Flex and HTML5

### KNOWLEDGE, SKILLS AND ABILITIES / COMPETENCIES:

Considerable knowledge of web development technologies and programming languages in order to master assigned responsibilities for the creation of custom web-based applications. Significant interaction with fellow employees and other state and national level authorities through presentations, one-on-one meetings, training and on-site data collection. A significant level of multi-tasking is expected. Must be able to communicate effectively, both orally and in writing. Must be authorized to work in the US per Title IV, Subtitle A, of the Illegal Immigration Reform and Control Act of 1996 (IIRIRA), pass a security background check, receive a security clearance if needed, complete computer security training and receive final clearance for use of Department of Defense computer systems.

### MINIMUM EDUCATION AND EXPERIENCE REQUIREMENTS:

Bachelor's degree in information technology, computer science, or a related discipline and three years of experience in operations analysis and design, systems programming, or a related field; or equivalent combination of training and experience. All degrees must be received from appropriately accredited institutions. . .

### SUPPLEMENTAL AND CONTACT INFORMATION:

Temporary Solutions 620 N. West Street Raleigh, NC 27603

APPLICATIONS MAY BE FILED ONLINE AT:  
<http://www.osp.state.nc.us/jobs/index.html>



## ANNOUNCEMENTS

### URISA Focuses on Public Participation GIS in July 29 Webinar

July 16, 2013 - 9:17am — Wendy Nelson

On Monday, July 29, URISA will present an educational webinar on “Public Participation GIS: Using GIS to Support Community Decision Making”. This 90 minute webinar will explore the use of GIS in community decision making, including the process of entering into engagements and the utilization of GIS techniques and software that can be adapted for use in community settings. Examples of both government and community-led projects that encourage citizen participation and engagement will be shown. This webinar is an excellent overview of PPGIS and the methodologies that are utilized to implement Community Decision Making with GIS.

When: Monday, July 29, 2013

Time: 12:00 Noon EDT/11:00 AM CDT/10:00 AM MDT/9:00 AM PDT


Duration: 90 minutes

Fee: URISA Members \$20 / Non-Members \$35


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 **Carolina URISA**

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## Carolina URISA 2013 Membership

Join CURISA now to enjoy the support of a regional GIS professional association that partners with URISA and The GIS Certification Institute. CURISA relies on your memberships to maintain the chapter, publish a quarterly newsletter, host events and workshops and represent the regional GIS community in matters of policy and standards. Your CURISA membership entitles you to discounted registrations for workshops and access to other seminars and networking events.

Your membership will be for calendar year 2013 (January to December). We've made it easy for you to renew your membership via our online registration system. **A new online registration system** – The new system will look and feel a bit different, but will provide more flexibility in administration of your own account. **Change in our rate structure** – We have gone to a flat \$30 fee as opposed to \$20/\$40 based on national URISA membership. CURISA also offers a discounted group membership for five or more members from the same organization.

You may go to [www.carolinaurisa.org](http://www.carolinaurisa.org) and navigate to the Membership page.