

GIS Coordination Council Meeting

May 19th, 2008



Welcome and Opening Remarks

Doug Calvert
GISCC Chairman



SC Coordination Activities Report

Tim De Troye, Ph.D.



Activity Report

- Activities
- Web site
- CAP grant
- GIS Surveyor Standards status
- Technical Committee review
- FLAIR Act discussion



Action: Develop Data Inventory

- **In process**

- Council agencies working on providing inventory information
- Results – illustrate potential products, stewards, potential duplication
- This information will be used to help develop the GIC website data section



Action: Web Services

- **Status: in process**

- Assist/Encourage GIC agencies to publish web services of sharable core data layers
- Several GIC agencies in process of publishing services (DNR, DHEC, PPP investigating)
- Training session held on May 5th
- Data (map) viewer will bring in information from multiple sources simultaneously



Action: Expand the Council

- **Status: in process**

- EMD – Ron Osborne (Director)

- Met with Amanda Loach regarding funding May 6th

- SLED – Rodger Owens (Captain)

- Spoke with Buddy Wilkes May 5th – they are discussing

- DPS – Barry Langley (CIO)

- Spoke with Barry Langley May 5th – on hold until new Director is appointed



Action: Expand the Council

- **Status: in process**
 - Invited Archives and History to visit
 - New target currently identified:
 - Department of Education



Action: Build Relationships

- Build relationships - **status: in process**
 - Spoke at the CIO's Office – staff education on GIS
 - Presented at Electrical Cooperative User Group
 - Presented at Geographic Administrators Association
 - Attended Coosawhatchie and Pee Dee User Group meetings



Action: Publish GIC Website

- **In process**

- Additional data inventory will be incorporated as received
- Additional projects, articles and other information as received
- MySCMap (data viewer website) is operational and will be re-styled to look similar to the GIC website
- **READY FOR REVIEW/RELEASE**





- Calendar of Events
- Data
- Documents
- GIS Resources
- Make-A-Map
- Projects & Opportunities

GIS Information Council Members

Latest News

SC is On Top in GPS Accuracy

South Carolina is the first state to implement a virtual reference station taking GPS accuracy and ease of use to a whole new level.

SC Voter Registration in the News

SC has implemented a process to validate the location of each registered voter in the state using ArcGIS and the street centerlines provided by local government.

GIS Surveyor Legislation Quoted

A recent article quoted some of the legislation describing the GIS Surveyor in order to try and understand what it means.

SC GIC Receives its First Grant

South Carolina's Geographic Information Council (SCGIC) received its first grant award in spring of 2008 for a CAP Grant.

If you have a story or information on GIS in SC, please **drop us a line**.

About SCGIS

In 2006, a Memorandum of Agreement was signed by eight state agencies, establishing a GIS Coordination Council for the state of South Carolina.

The purpose of the Council is to better coordinate GIS activities in the State including spatial data collection and management, standards development and data and information sharing. The SCGIC also serves as the formal body to develop operational strategies and policies for GIS implementation among cooperating agencies in South Carolina.

In July 2007, a GIS Coordinator was hired to implement the GIS coordination duties and responsibilities defined by the Council. Primary among these is to serve as the liaison between state agencies represented on the Council and also between the Council and county, local and municipal governments and private sector organizations.





South Carolina Geographic Information Systems

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Council Membership

If you would like to join or need more information on SCGIC, please **drop us a line**.

GIS Information Council Members



Department of Commerce

Derek Graves

GIS Manager
(803) 737-2340

The goal of the South Carolina Department of Commerce is to attract new industry and encourage growth among companies already doing business in South Carolina. GIS is used extensively within the Agency to further those goals by fulfilling internal map, data and analysis requests as well as providing web mapping tools and GIS based database tools externally that provide information regarding available sites and buildings and incentive based programs.



Department of Health and Environmental Control

Jared Schulz

Director, Division of Public Health Informatics
(803) 898-3668

The Shared and Integrated Geographic Information Systems (SIGIS) Committee was established in March 1996 by the Information Technology section of Environmental Quality Control (EQC) Administration, SCDHEC, and implemented by SIGIS Developer group, comprised of volunteer GIS staff located in major program areas across the agency's administrative boundaries. The program mission is to provide managers and policy makers with decision support systems and applications that enable them to better analyze spatial information related to environmental and public health issues.





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Year - 2008

- [January](#)
- [February](#)
- [March](#)
- [April](#)
- [May](#)
- [June](#)
- [July](#)
- [August](#)
- [September](#)
- [October](#)
- [November](#)
- [December](#)

Calendar of Events

May - 2008

- May 5
 - MySCMap training
 - WebEx
- May 19 - 2:00 pm
 - GIS Coordination Council Meeting
 - Harbison State Forest Education Center, Columbia, SC
- May 20
 - SCRA User Group Meeting
 - Graniteville, SC
- May 29
 - GIS User Group Meeting
 - Berkeley Charleston Dorchester Council of Governments, North Charleston, SC





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GIS Viewers



Get the ESRI ArcGIS Explorer a way to view and share information geographically. **ArcGIS Explorer is free** and freely distributable, making it a great way to share your maps with others.

[ESRI ArcGIS Support](#)

[Intergraph Support](#)

Data

This portion of the site is intended to act as a general GIS data portal to access downloadable data from other agencies throughout the state of South Carolina. While the site is still under construction, this section shall consist of multiple links to the associated organizations download locations. If you do not find a particular type of data of interest, please [contact us](#) and we will assist you.

- **[SC Department of Health and Environmental Control](http://www.scdhec.net/gis/qistopic.aspx)**
- **[SC Department of Natural Resources](http://www.dnr.sc.gov/GIS/qisdownload.html)**
- **[SC Geodetic Survey](http://www.scqs.state.sc.us/)**
- **[SC Office of Research and Statistics](http://www.ors.state.sc.us/digital/qisdata.asp)**





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GIS Resources

[South Carolina County GIS Information](#)





South Carolina Geographic Information Systems

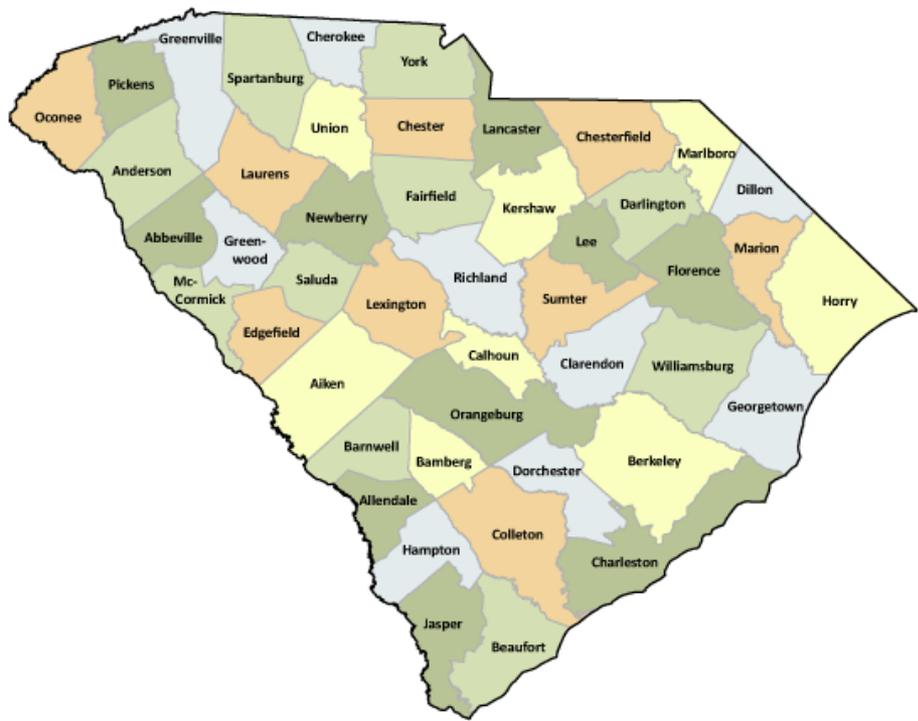
[Calendar of Events](#) [Data](#) [Documents](#) [GIS Resources](#) [Make-A-Map](#) [Projects & Opportunities](#) [SCGIS Home](#)

GIS Information Council Members

SC Counties

- [Abbeville](#)
- Anderson
- Allendale
- Anderson
- Bamberg
- Barnwell
- Beaufort
- Berkeley
- Calhoun
- Charleston
- Cherokee
- Chester
- Chesterfield
- Clarendon
- Colleton
- Darlington
- Dillon
- Dorchester
- Edgefield
- Fairfield
- Florence
- Georgetown
- Greenville
- Greenwood
- Hampton
- Horry
- Jasper
- Kershaw
- Lancaster
- Laurens
- Lee
- Lexington
- Marion
- Marlboro
- McCormick

South Carolina GIS Information by County





[About mySCmap](#)

[FAQs](#)

[Map Viewer](#)

[Participants](#)

[Resources & Links](#)



Google Search Go

Welcome to mySCmap!

My South Carolina Map (mySCmap) is a GIS data viewer for South Carolina to allow anyone interested in data on SC to view data that is available from participants in the SC Catalog Team.

Who We Are?

We are volunteer government entities from the local to federal level who have signed a MOU to establish a GIS data viewer for South Carolina.

Partners include: Aiken County, Office of the State Chief Information Officer (CIO), City of Columbia, Department of Health and Environmental Control (DHEC), Department of Natural Resources (DNR), Lexington County, State Mapping Advisory Committee (SMAC), University of South Carolina, U.S. Geological Survey (USGS), and York County.

Minimum Participation

1. Participation is voluntary
2. Entry level is View-Only. Followed by the distribution options of Private Use Only and Public Domain.
3. You need a WMS map service that complies with at least WMS v1.1.0 of the OpenGIS Consortium's WMS standard. WMS 1.1.1 is also acceptable. WMS 1.0.0 is not.
4. You need Federal Geographic Data Committee (FGDC) compliant metadata to accompany any data you wish to serve to the MySCmap viewer. Free training and assistance in metadata creation and validation are available upon request, see [Metadata Resources](#).

News!

[SC Statewide LiDAR Project!](#)

How to Participate!

[I would like to participate, who can and what are the requirements?](#)

Metadata Resources

[Brief overview & links.](#)



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GIS Information Council Members

List your Project

If you are a government organization in South Carolina (state or local) you may post projects and activities in this section. Please **contact us** for more information.

Projects

Statewide LiDAR

Project The South Carolina LiDAR Consortium is currently working on a statewide LiDAR project with the assistance of federal, state and local resources. The 2008 portion of the project has been completed and planning is underway for 2009 and 2010.

- Completed Aquisition: Charleston (middle portion), Colleton, Jasper County.
- SC LiDAR Consortium 2008 (In Progress): Clarendon, Cherokee, Chester, Chesterfield, Darlington, Dillon, Fairfield, Greenwood, Lancaster, Laurens, Marlboro, Marion, Newberry, Orangeburg, Williamsburg, Union County.
- SC LiDAR Consortium 2009 (Proposed): Allendale, Bamberg, Barnwell, Berkeley, Charleston (Southern and Northern sections), Dorchester, Florence, Hampton, and Horry County.
- Counties Remaining: Abbeville, Aiken, Anderson, Calhoun, Edgefield, Greenville, Kershaw, Lee, Lexington, McCormick, Pickens, Saluda, Spartanburg, Sumter, York County.



CAP Grant - 2008

- CAP – Cooperative Agreements Program
- SC has been awarded a Category 3: 50 States Initiative grant
- Almost \$50,000
- Coordination visits – NC, FL, etc.
- Facilitated outreach sessions within state



CAP Grant 2008

- RFP writing
- Move quickly after project award
- Account number for grant was just given this morning



CAP Grant - 2008

- **IMPORTANT** – Grant Matching
- Particular roles/persons identified
- Grant match is based on salary/benefits/time
- What is needed at this time: letter on departmental letterhead from departmental grants person indicating \$X in services will be provided by John Smith
- A form letter will be provided for your use



GIS Surveyor Standard

- Tech Reviewed Standard sent to GIC for comment/edits and finalized
- Met with Gene Dinkins (Vice Chair, Board of Registration for Professional Engineers and Land Surveyors)
- Good discussion, looking *only* for minimum standard items
- Wording for limiting need to items needing to be recorded as a document was not used



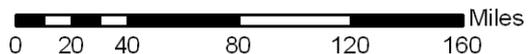
Additional Activities

- GPS State Contract – CIO’s Office
 - On hold (staffing)
- ESRI State Contract – CIO’s Office
 - In process, may not continue
- Street centerlines project – ORS
 - Automation process complete
 - “Rough Draft” first run completed

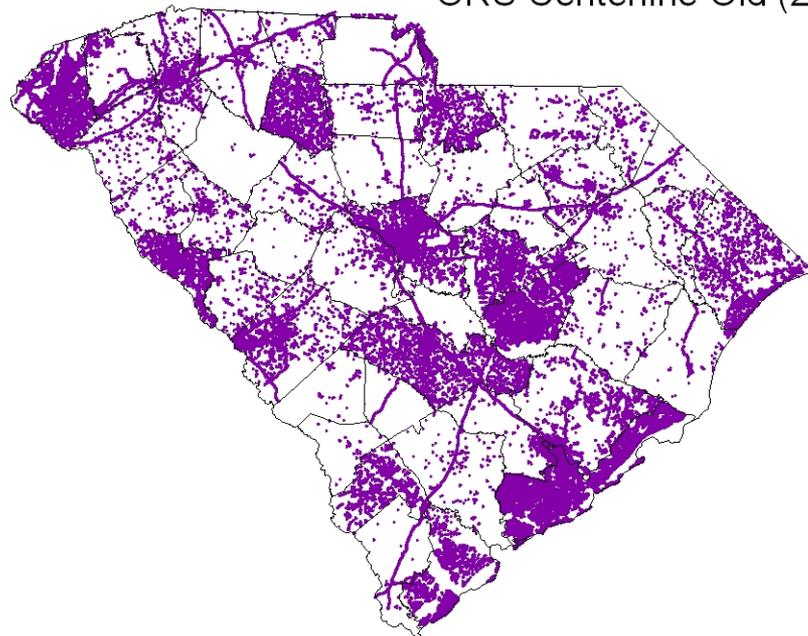


Street Segments with either LeftTo and LeftFrom values ≤ 0 OR RightTo and RightFrom values ≤ 0

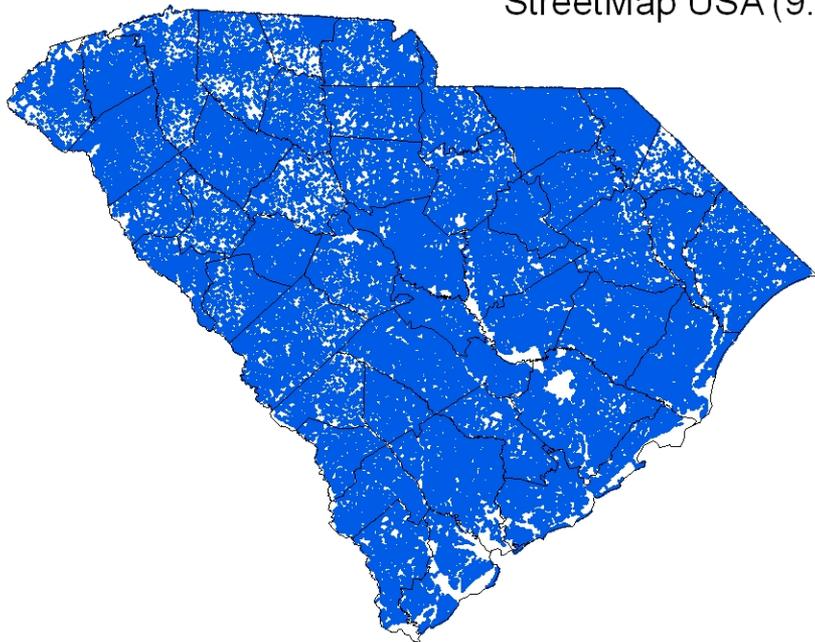
Total Street Segments
578,608 = StreetMap
476,266 = Centerline Old (2007)
454,131 = Centerline May 2008



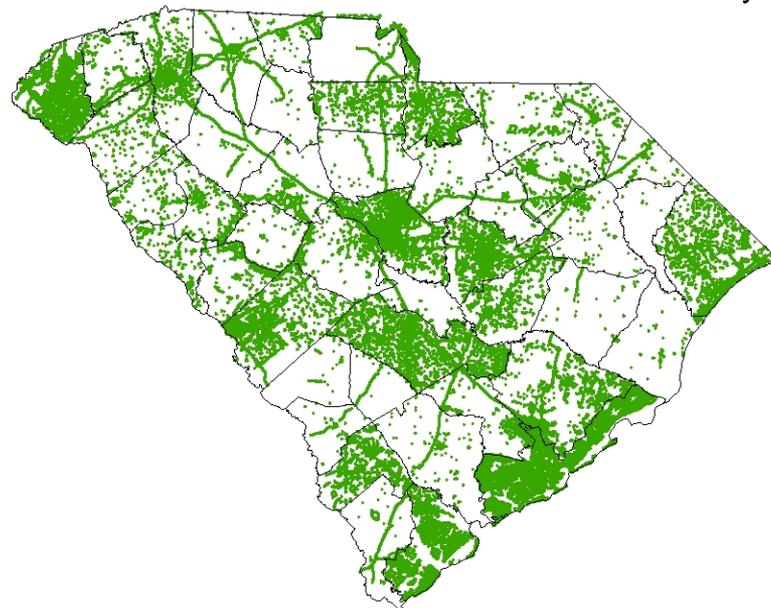
ORS Centerline Old (2007)



StreetMap USA (9.2)



ORS Centerline May 2008



Technical Committee (TC)

- Last meeting was held at DOR on April 24th
- Primary focus – Parcels and the use/need for a statewide parcels data set
- Preliminary business case provided by Dr. Cowen
- DOR benefits - better addressing for taxation, alcohol/beverage permits, **potential for millions of additional dollars** in otherwise untapped revenue



Tech Committee - Parcels

- Accurate geocoding to benefit all agencies
- Identification/notification of landowners
 - Wildfires, disease outbreaks
- More efficient mapping of state/local common boundaries
 - Protected lands, state-owned lands, forest management assistance programs
- Better policy analysis (e.g. sex offenders)



Tech Committee - Parcels

- Summary: statewide parcels layer would benefit state agencies and through its actions, the citizens of SC
- Needed:
 - Determination of data sharing / access
 - Identification of data steward
 - Plan for funding of the project/program



Tech Committee Body

- SMAC held executive committee meeting on May 12th, with potential follow-up meeting
- Discussion of role of SMAC, how it has changed and what the role will become moving forward
- SMAC can play a key role in the approach of technical questions/issues and provide valuable expertise as part of the committee



Federal Land Asset Inventory Reform (FLAIR)

- Asked for support for the bill – NSGIC
- U.S. Senator Jim DeMint (SC) – Senate Energy and Natural Resources Committee
- FLAIR focus: federal land parcel designation
- Potential for local (state, county) data development with up to a 50% match
- State: WMA, controlled burns, Heritage Trust, Forestry Commission lands, etc.



FLAIR Act

- Streamline federal land databases
- Likelihood of local funding is low
- If funding is available, it would be available for all local lands to develop parcels, etc.
- NSGIC is requesting a letter of support to DeMint



FLAIR Act

- Summary question:
- “Is it a good idea for the federal government to consolidate their databases and develop one nationwide GIS cadastral database for land owned by the federal government?”



SC Statewide LiDAR Project Status Report

Gary Merrill / Jim Scurry, Ph.D.
USGS / SC DNR



Other Business

Doug Calvert
GISCC Chairman

