



**DATE:** December 31, 2011

**TO:** Michael Pennington, Executive Director, Tri-County Council for the  
Lower Eastern Shore of Maryland  
Scott Warner, Executive Director, Mid-Shore Regional Council  
GIS Subcommittees of the Tri-County Council for the Lower Eastern  
Shore of Maryland and the Mid-Shore Regional Council

**RE:** Second Quarter Report FY12

### **ESRGC ACTIVITIES**

- Employed one Graduate Assistant
  - Brett Dobelstein is working primarily to support the MD Broadband Mapping Initiative
- Organized and participated in MidShore Regional GIS Committee Meeting
- Participated in quarterly Maryland Statewide Geographic Information Committee (MSGIC) meeting

### **MIDSHORE:**

- Continued to provide GIS Intern to City of Cambridge Public Works at no cost to the City
- Provided extensive updating to MSRC Website

### **LOWER SHORE:**

- Presentation made to Lower Eastern Shore Mayor's Association, "What is GIS?"
- Provided assistance to Town of Snow Hill with calculating redistricting population numbers
- Provided LiDAR data to Wicomico County for use in Tree Canopy Study

### **GIS PROJECT ACTIVITY**

- During the second quarter of FY12, the ESRGC signed on 1 new projects, generating \$61,650 fee-for-service contract costs.
  - The majority of the money generated is spent on labor (staff and students) to accomplish a variety of projects, for project materials (like aerial photography) or University overhead costs.

- Data Distribution Project
  - Distribute aerial photography and/or vector GIS data for Queen Anne’s, Dorchester, Caroline, Wicomico, Somerset, and Worcester Counties. Data distribution fees were re-evaluated and increased on July 1, 2011.
  
- New Collaboration
  - Salisbury University’s Business, Economic, and Community Outreach Network (BEACON) and the Eastern Shore Regional GIS Cooperative (ESRGC), Departments of Information and Decision Sciences, Mathematics and Computer Science, Geography and Geosciences, Nursing and other academic and outreach units of Salisbury University have collaborated to form GNAPPWORKS: A mobile application development initiative for government agencies and non-profit organizations. It's goal is to develop mobile platform applications (apps) for government and non-profit organizations that will be available for a variety of platforms including, the iPhone, iPad, Blackberry, and Android. Although the market is currently flooded with apps for both the individual consumer and private companies, government entities and non-profit organizations have typically been left out of the target market. The number of applications for such organizations is nearly endless, from tracking open foster care beds, disseminating women’s health information, tracking equipment for the Department of Defense, to risk management and disaster prevention.
  
- Ongoing Collaboration
  - The GeoDASH Initiative: Facilitated by the Business, Economic, and Community Outreach Network (BEACON) of the Franklin P. Perdue School of Business at Salisbury University and the ESRGC, in partnership with the Mid-Shore Regional Council (MSRC) and the Tri-County Council for the Lower Eastern Shore of Maryland (TCCLES), and funded by the Economic Development Administration (EDA) of the U.S. Department of Commerce and the Maryland Department of Business and Economic Development (DBED). Its goal is to provide technical assistance to community leaders in matters involving economic development and transportation planning and develop state-of-the-art data visualization tools that merge the traditional business intelligence, geographic information, and dynamic modeling to support regional economic development decision making.

**NEWLY-FUNDED PROJECTS**

Title:	<i>Chesapeake Bay Critical Area Mapping</i>
Purpose:	Continued efforts to quality check and finalize remapping of critical area in Maryland
Agency:	Maryland Department of Natural Resources
Amount:	\$ 61,650
Effective Dates:	October 1, 2011 – June 30, 2012

## CONTINUING PROJECTS

Title: *Provision of GIS Updates in Denton, MD*  
Purpose: Update Denton GIS base layers including parcels, water, sewer, and storm water, as needed.  
Agency: Denton Department of Public Works  
Amount: \$ 5,000  
Effective Dates: July 1, 2011 – June 30, 2012

Title: *Implementation IMS Application*  
Purpose: Implementing IMS application for Mountains West Services.  
Agency: Bridge Solutions  
Amount: \$ 37,620  
Effective Dates: July 15, 2011 – November 1, 2011

Title: *Maryland's RiskMap Demonstration Project*  
Purpose: Creation of geographic data sets to enhance mitigation and flood plain modeling capabilities on the Eastern Shore and several adjacent counties. Develop a flood vulnerability internet map application.  
Agency: Maryland Department of the Environment  
Amount: \$ 100,000  
Effective Dates: January 1, 2011 – December 31, 2011 (contract signed May)

Title: *GIS Data Layer Update for Fruitland, MD*  
Purpose: Update Fruitland GIS base layers including parcels, water, sewer, and storm water  
Agency: City of Fruitland, MD  
Amount: \$ 3,000  
Effective Dates: June 15, 2011 – September 15, 2011

Title: *Chesapeake Bay Critical Area Mapping*  
Purpose: Digitize shoreline and wetlands for use in generating new 1000' critical area boundary in Anne Arundel and Kent County  
Agency: Maryland Department of Natural Resources  
Amount: \$ 88,419  
Effective Dates: February 1, 2011 – June 30, 2011

Title: *Chesapeake Bay Critical Area Mapping*  
Purpose: Digitize shoreline and wetlands for use in generating new 1000' critical area boundary in St. Mary's and Prince George's County  
Agency: Maryland Department of Natural Resources  
Amount: \$ 98,027  
Effective Dates: October 1, 2010 – September 30, 2011

Title: *Provision of Student Intern to Wicomico County Public Works*  
Purpose: Trevor Bozarth (SU Student) is assisting David Mathers with various GIS related tasks.  
Agency: Wicomico County Department Public Works  
Amount: \$ 6,380  
Effective Dates: September 1, 2010 – August 31, 2011

Title: *Provision of Student Intern to Wicomico Planning/ Zoning*  
Purpose: Ben Reed (SU Grad Student) is assisting Frank McKenzie with various GIS tasks.  
Agency: Wicomico County Department of Planning  
Amount: \$ 9,380  
Effective Dates: September 1, 2010 – February 29, 2012

Title: *Maryland Broadband Mapping Initiative*  
Purpose: Collecting, validating, and mapping the service coverage areas and market performance of Maryland's Broadband service providers. Data is being collected and aggregated by census block, road segment, and address points. To disseminate project information and encourage citizens to assist with verification by taking a broadband speed test, developed outreach Web sites. Conducting verification tests, in the field and remotely, as well as developing a publicly available interactive map on the State's MD iMap infrastructure  
Agency: Maryland Broadband Cooperative  
Amount: \$ 4,755,768 (\$2,210,327)  
Effective Dates: FY2010 – FY2014

Title: *Chesapeake Bay Critical Area Mapping*  
Purpose: Digitize shoreline and wetlands for use in generating new 1000' critical area boundary in Queen Anne's, Caroline, and Calvert Counties  
Agency: Maryland Department of Natural Resources  
Amount: \$ 67,000  
Effective Dates: January 2, 2010 – June 30, 2010 (not signed until June)

Respectfully submitted,

Dr. Michael S. Scott, Director  
Eastern Shore Regional GIS Cooperative