



DATE: December 31, 2009

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: First & Second Quarter Report FY10

ESRGC ACTIVITIES

- Hired two full-time, permanent GIS Analysts
 - Adam Ruf and Emily Watson, responsible for project-specific tasks related to various ESRGC contracts
 - Bryan Bloch, working at Wicomico County Department of Planning
- Hired one full-time, permanent Senior GIS Analyst
 - Mary Creamer, responsible for project work related to the Maryland Broadband Mapping Initiative
- Hired two student interns
 - All SU Geography/Geosciences majors, most concentrating in Geographic Information Science.
- Participation in GIS Day
- Exhibitor at MACo Conference in Ocean City, MD
- ArcGIS training for employees of Denton and Wicomico Board of Education
- Hosted Lower Shore GIS Committee Meeting
- Hosted MidShore GIS Committee Meeting

GIS PROJECT ACTIVITY

- During the first and second quarter of FY10, the ESRGC signed on 7 new projects, generating \$569,442 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.
- The ESRGC staff also completed several “unofficial” projects
 - NRCS LiDAR consultation
 - Seagull Century Mapping
 - Assateague Island map scanning

- Data Distribution Project
 - Distribute aerial photography and/or vector GIS data for Queen Anne’s, Wicomico, Somerset, Caroline and Worcester Counties.

- Collaboration
 - GOCCP Grant: Arthur Lembo and Salisbury Police Department. The Salisbury Police Department's Crime analysis geographic information system program enhances law enforcement efficiency/capabilities through the development of three specific sub-modules: an Internet-based crime mapping system; an interactive crime analysis dashboard; and an in-field GIS application for crime location data mining. The program supports crime analysis to identify locations, patterns and trends of crime activities. Location analysis of crime activities are supported through a geo-dashboard that shows both the location of crime activities and allows for temporal analysis of crime activities throughout the year. Finally, a GIS application running in each patrol car will identify recent crime activity for specific patrol sectors, and also allow identification of recent parolees and known offenders within specified distances of specific locations. Grant funds will provide for equipment (hardware and software), development, installation and testing of GIS based applications, salary of part-time crime analysts, and training in the use of the software.
 - 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.

- Upcoming Projects - The ESRGC has committed to several projects in the third quarter of FY10
 - Critical Area Mapping in Caroline, Queen Anne’s and Calvert counties
 - Developing a flood mitigation plan for Cecil County (partnership with VPC, LLC)
 - Updating the hazard mitigation plans for Dorchester County and Charles County (partnership with VPC, LLC).

NEWLY-FUNDED PROJECTS

Title:	<i>Provision of Student Intern to Wicomico County Public Works</i>
Purpose:	Kyle Satterfield is assisting David Mathers with various GIS related tasks.
Agency:	Wicomico County Department Public Works

Amount: \$ 6,380
Effective Dates: September 14, 2009 – August 20, 2010

Title: *Provision of Student Intern to Wicomico Planning/ Zoning*
Purpose: Bryan Bloch is assisting Frank McKenzie with various GIS tasks.
Agency: Wicomico County Department of Planning
Amount: \$ 6,380
Effective Dates: September 14, 2009 – August 20, 2010

Title: *Provision of Student Intern to City of Salisbury*
Purpose: Danny Bauer is assisting with various GIS tasks.
Agency: City of Salisbury Public Works
Amount: \$ 6,160
Effective Dates: October 1, 2009 – August 20, 2010

Title: *Phase II - Centerline Attribution within Metropolitan Planning Organization Boundary*
Purpose: Interpret aerial photography and populate data fields for approximately 1500 roads within the Wicomico County's MPO.
Agency: Wicomico County Department of Planning
Amount: \$ 6,300
Effective Dates: June 22, 2009 – June 30, 2010

Title: *Maryland dFIRM Outreach Support*
Purpose: Conduct meetings to inform public about dFIRM creation, adoption and use
Agency: Maryland Environmental Service
Amount: \$ 9,500
Effective Dates: October 1, 2009 – September 30, 2010

Title: *Delaware Hazard Mitigation Plan Updates*
Purpose: Develop a flood mitigation plan for the State of Delaware
Agency: Partnered with Vision Planning & Consulting
Amount: \$ 31,890
Effective Dates: June 24, 2009 – May 31, 2010

Title: *Maryland Broadband Mapping Initiative*
Purpose: Determine areas of Maryland that are underserved by broadband
Agency: Maryland Broadband Cooperative
Amount: \$ 502,832
Effective Dates: November 1, 2009 – October 31, 2011

CONTINUING PROJECTS

Title: *Centerline Attribution within Metropolitan Planning Organization Boundary*
Purpose: Interpret aerial photography and populate four data fields for approximately 1500 roads within the Wicomico County's MPO.
Agency: Wicomico County Department of Planning
Amount: \$ 4,700
Effective Dates: September 1, 2007 – December 15, 2007

COMPLETED PROJECTS

Title: *GIS Updates to Denton, MD Municipal GIS*
Purpose: Provide updates to water and sewer maps as needed
Agency: Town of Denton, Maryland
Amount: \$ 5,000
Effective Dates: July 15, 2008 – September 15, 2009

Title: *Update National Wetlands Inventory in Georgia*
Purpose: Update NWI dataset in the six coastal counties of Georgia.
Agency: Georgia Department of Natural Resources
Amount: \$ 217,595 (\$100,121 direct costs)
Effective Dates: July 28, 2008 – September 26, 2008

Title: *Chesapeake Bay Critical Area Mapping Pilot*
Purpose: Digitize shoreline and wetlands for use in generating new 1000' critical area boundary in Baltimore and Talbot County
Agency: Maryland Department of Natural Resources
Amount: \$ 300,000
Effective Dates: July 1, 2008 – June 30, 2009

Title: *Cambridge Comprehensive Plan Project*
Purpose: Provide mapping support for Cambridge Comprehensive Plan.
Agency: Jakubiak & Associates, Inc.
Amount: \$ 5,000
Effective Dates: September 17, 2007 – September 30, 2008

Title: *University of Maryland Hazard Assessment*
Purpose: Determine environmental hazards that are a threat to campus residents, staff, and physical assets.
Agency: Partnered with GMB and Visions Planning & Consulting
Amount: \$ 20,000
Effective Dates: September 1, 2008 – August 31, 2009 (signed in Jan'09)

GOALS

Our goals for the coming quarter are straightforward.

1. Complete the external funded projects currently underway
2. Continue dialogue regarding data distribution practices
3. Continue discussion of funding alternatives

Respectfully submitted,

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