



## **PaMAGIC MATTERS February 2011**

### **President's Corner**

2011 will be a very good year for GIS. How do I know? Well, I am basing it on what all of you did last year.

During 2010 we saw a lot of people put their hearts and souls into supporting House Bill 2300 on some way or another. Many of you were involved in emails, phone calls and meetings with very short notice, all to support this effort. Even though the bill never made it out of the house, and we have to restart the legislative process, I've heard from many who are undeterred and will not rest until we have a Council. Talks have already begun on the next steps in reviving this effort, keep watching for list-serve notices, Magic Matters newsletters, or check our website for how you can be involved.

Another significant accomplishment was the development of a transition paper that was delivered to a number of appointees on Governor Corbett's transition team. This document was the work many people, and I am very impressed with the work that they did. It will play an important role in educating the new administration, but is now also being used in other settings to make the case for a Council.

During the past year PaMAGIC organized, hosted or played a significant role in 7 different events. Although these events all had a specific agenda or purpose, they also served to further unify our Geospatial Community, despite our varied interests and differences. This collective energy will be very useful in the coming year, as we still have a lot more work to do.

Another project PaMAGIC is working on is the creation of an annual report that will highlight GIS accomplishments across the state. Look for this in early February with the next edition of Magic Matters.

Glenn Mohler

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Look for your Annual Membership renewal in the mail soon. You may also download it at: [2011 Membership Application](#)

Dues are \$15 and barely cover the minimal costs of maintaining member information, hosting a few topical meetings, and providing a basis for communication and mutual education among GIS Community members. Also in the mailing you will find Glenn Mohler's Annual President's Letter detailing what happened last year and the challenges we can expect in the coming year (you can find the President's Letter at: [2011 President's Letter](#)). PaMAGIC depends on members to engage, and each time you do you are investing in the uncommon wealth that is Pennsylvania (and in yourself!).

PaMAGIC is seeking individuals to aid in the development of social networking within the GIS Community. The approach is new to us so we are soliciting the help of members already active on Facebook and/or LinkedIn. Board Member Dave Gilbert recently established a Facebook page for PaMAGIC as a non-profit organization, adding a couple links and the Annual GIS Conference in May 2011 as the first event. We are interested in establishing a way to share Maps and Apps, and to engage more varied and newer members. Dave is the current host of the page and would welcome some help and ideas.

**PAMAP Program News  
Lidar Data (2008 Acquisition)**

Lidar data for all remaining counties and blocks will be completed in January. Lidar data for Wayne, Monroe, Columbia, and Montgomery counties has been accepted. When blocks of data have been accepted, the data products will be made available through PAMAP services channels.

### **Orthoimagery (2008 Acquisition)**

All remaining 2008 orthoimagery has now been accepted and is available through PAMAP services channels.

#### **Orthoimagery**

The PAMAP Program has taken delivery of spring 2010 imagery from iCubed (AerialsExpress) for Susquehanna, Bradford, Wyoming, Sullivan, Lycoming, Clinton, Centre, Allegheny, Washington, and Greene counties. This imagery can be used by all levels of government, education institutions, and non-profit organizations. It will be released for public use after a to-be-determined sunset period. Organizations wishing to acquire this imagery should contact the PAMAP Program.

The Program has taken delivery of spring 2009 imagery for Erie County, summer 2009 imagery for Beaver, Allegheny, Westmoreland, Washington, Greene, and Fayette counties, and fall 2009 imagery for Mercer, Lawrence, Butler, and portions of Armstrong counties. This is 30cm resolution imagery and can be used by all government agencies and other not for profit organizations. The spring and summer 2009 imagery is now available for public use, and the fall 2009 imagery will be released for public use in March 2011. Organizations wishing to acquire this imagery should contact the PAMAP Program. Public release will be through PASDA and other PAMAP services channels.

The 2010 NAIP county mosaics (all counties) are now available through PASDA.

#### **Vector Data**

PAMAP vector layers of roads, railroads, hydrography, boundaries, building footprints, and building points are available through PASDA and other PAMAP services channels. This data is from county sources and has been aggregated to statewide feature classes.

The PAMAP Program will be conducting a project in early 2011 to perform a needs analysis and requirements study for building data. The project will include a plan to develop building data with various sources, including existing data, Lidar, and imagery. In conjunction with the project, a new round of data collection will be conducted with counties to gather road and building data. A more robust review and loading procedure will be used to create updated statewide feature classes for distribution.

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### **PASDA News**

#### **New Data**

In January, PASDA received quite a lot of new and updated data including:

- Allegheny County Parcels
- USGS/NGA Urban Area Program Imagery 2009
- Updated data from PA Department of Health
- 2008 LAS files from the PAMAP Program
- 2011 update to the City of Philadelphia data
- 2011 Update of PA Department of Transportation data
- Update to PA Department of Environmental Protection data

#### **PASDA 2010 Stat Snapshot**

PASDA Stats for 2010 are available on the PASDA site under the About PASDA->Publications & Reports Tab. The following is a snapshot of PASDA use.

<b>Total Usage (Entire Site)</b>	<b>Hits</b>
Web Servers	8,103,329
Internet Mapping Server I	5,824,215
Internet Mapping Server II	20,231,018
Data Cart Server	68,991
FTP Server I	1,209,411
FTP Server II	792,456
<b>TOTAL</b>	<b>36,229,420</b>

#### Services

<b>Total Viewed</b>	<b>19,398,225</b>
<b>Service Name</b>	<b>Views</b>
PAFishBoat	2,133,078
PAMAP_TileIndexSouth	1,808,994
DEP	1,647,535
PAMAP_Cycle1	1,343,736
PAMAP_TileIndexNorth	1,205,323
PennDOT	1,195,896
Imagery Navigator (original ArcIMS & Beta)	1,744,750
PSU_Hillshade	970,150
AlleghenyCounty	911,066

#### Esri Technical Certification Program

Beginning January 17, Esri software users are able to register for and take exams to achieve Esri technical certification. The new [Esri Technical Certification Program](#) recognizes expertise in desktop, developer, and enterprise use of Esri technology. The first certifications offered include ArcGIS Desktop Associate; ArcGIS Desktop Professional; Web Application Developer Associate; Enterprise Geodatabase Management Associate; and Enterprise Administration Associate. Eight additional certifications are in development.

#### GIS Events

**GIS Users of Westmoreland County and Beyond**, next meeting will be Thursday February 24, 2011 at 10:30 am at the Donohoe Center in Greensburg. The purpose of the Westmoreland GIS User Group is to share activities, needs and opportunities to make all of our GIS efforts more productive. We would also like to explore training needs, if they exist. RSVP; Alexander J. Graziani, AICP - SDG  
PHONE: 724-552-0118 EMAIL: [alex@smartgrowthpa.org](mailto:alex@smartgrowthpa.org)

The next **NW PA GIS User Group Meeting** is scheduled for March 4, 2011 at the Franklin Industrial and Commercial Development Authority (191 Howard St., Franklin, PA) from 10 a.m. – Noon. RSVP or questions: **Matt Gilara, GISP**; (814) 432-9646 or: [mgilara@co.venango.pa.us](mailto:mgilara@co.venango.pa.us)

**Introduction to HEC-RAS** at Harrisburg Area Community College, **April 5-7, 2011**. 24 PDH's  
NTM Engineering's Introduction to HEC-RAS will teach you how to use the U.S. Army Corps of Engineers' Hydraulic Engineering Center River Analysis System (HEC-RAS) software program. HEC-RAS is an engineering industry standard for modeling steady, gradually-varied, one-dimensional open channel flows. Our application-oriented training provides lectures and hands-on workshops to introduce you to open channel modeling and culvert and bridge hydraulics. NTM will teach you hydraulic analysis procedures for waterway modeling via site assessment, cross-section data collection, hydraulic method selection, output interpretation, and existing and proposed condition comparison.  
To register or for more information visit: [www.ntmtraining.com](http://www.ntmtraining.com)

**2011 PA GIS Conference:** Save the date and consider presenting at the conference. It will be held on May 23-26, 2011 in Grantville, PA. Check soon for more information: [2011 PA GIS Conference](#) **A Call for Presentations is happening now! Get involved and make a difference with GIS!**

2011 Esri UC, July 11-15 in San Diego, California

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If there is something which you would like to have included in PaMAGIC *MATTERS*, please send it to [kathryn.reed@alleghenycounty.us](mailto:kathryn.reed@alleghenycounty.us)