

*West Virginia Association of Geospatial Professionals*

## **ANNUAL REPORT 2014**



*Mapping the Mountain State*

P.O. Box 3903

Charleston, WV 25339

Email: [WVAGPmail@gmail.com](mailto:WVAGPmail@gmail.com)

Website: <http://www.wvagp.org>

**2013-14 WVAGP Board of Directors**



Name	Organization 	Sector
Bailes, Wes wes@landmarkforestryllc.com	Landmark Forestry	Private Sector
Cottrell, Adam adam.cottrell@cityofcharleston.org	City of Charleston	City
Elkhansa, Hussein (President) Hussein.S.Elkhansa@wv.gov	WV Department of Transportation	State
Ervin, Connie crervin@assessor.state.wv.us	Preston County Assessor's Office	County
LaFone, Frank (Vice-President) Frank.Lafone@MAIL.WVU.EDU	WV GIS Technical  Center, WVU	Education & Research
Mullenax, Matt mmullenax@hepmpo.net	Hagerstown/Eastern Panhandle MPO	Regional
Paugh, Mike (Secretary) mike@moncpc.org	Monongalia County	County
Simental, Tony (Ex Officio) Tony.A.Simental@wv.gov	Office of GIS Coordinator 	State
Starcher, Jennings (Treasurer) Jennings.N.Starcher@wv.gov	WV Division of Homeland Security & Emergency Management 	State
Wray, Paul pwrap@assessor.state.wv.us	Putnam County Assessors Officer	County
Wu, Yueming Yueming.Wu@wv.gov	WV Department of Transportation	State

**OFFICERS' REPORTS  
(July 1, 2013 through June 30, 2014)**

## PRESIDENT'S REPORT

This past year the WVAGP Board continued to support professional development and training opportunities for its members. We reached out to the West Virginia consultant community and worked with the State GIS Coordinator on numerous projects that promote GIS in the state.

### **Summary of WVAGP Accomplishments**

1. **Training:** Sponsored 20 training opportunities for professional development at significant discounts.
2. **GIS Planning/Coordination:** Assisted in the creation of a statewide cadastral business plan.
3. **Membership:** Increased membership rolls to 308 GIS Professionals. Continued to coordinate with the WV Society of Professional Surveyors, attending and sponsoring joint meetings.
4. **Outreach Activities:** Operated listserves for addressing and cadastral mappers. Hosted 2013 Annual Meeting at Stonewall Jackson Resort. Sent sixty informational letters to reach active consultants in WV and introduce the organization.

This year it has been a pleasure to work with the WVAGP Board, the State GIS Coordinator, and members of the association. Our goals this past year have been met or exceeded in most cases. I am looking forward to serving another year and hope that it will be as productive as this past year.

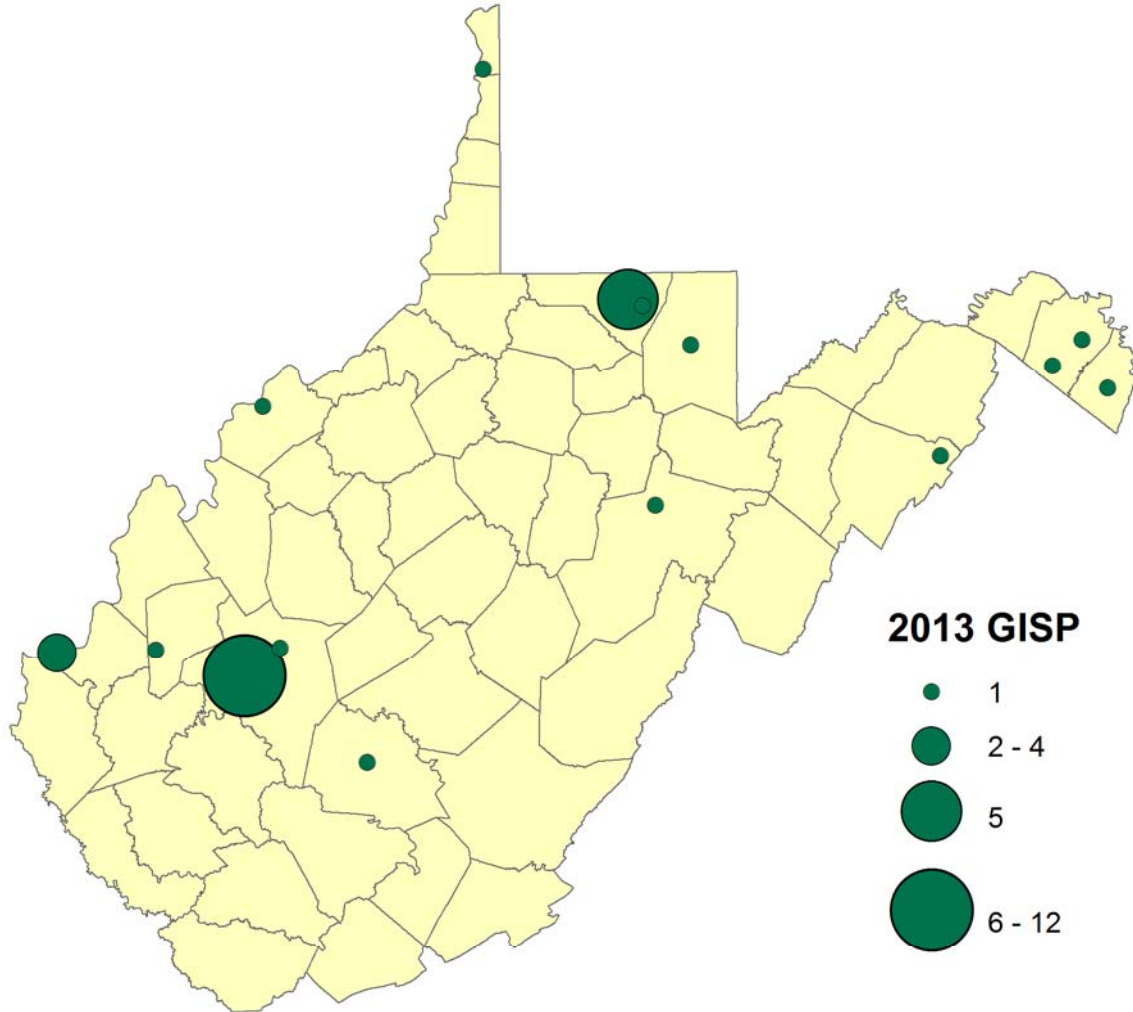
Training became an important task to our association. We need to continue this effort and work on bringing up-to-date information to our GIS community. Other future goals include assisting the Office of GIS Coordination to complete a statewide cadastral layer and collect new statewide leaf-off orthophotography.

Lastly, I would like to thank the WVAGP officers, board members, committee chairs, members, and other volunteers who supported WVAGP this past year. Without their dedicated time, efforts, and financial support, this year's accomplishments would not have been possible.

Hussein Elkhansa, GISP  
President, WVAGP

## Geographic Information Systems (GIS) Professionals in West Virginia

May 2013



### Geographic Information Systems Professionals (GISPs)

Fagan, Todd	Charles Town	Shank, Michael	Charleston	Kompanek, James	Hurricane
Bentley, Joe W	Charleston	Wu, Yueming	Charleston	Ervin, Connie R.	Kingwood
Bess, Eric R.	Charleston	Green, Christopher Andrew	Dellslow	Mullenax, Matthew T.	Martinsburg
Collins, Randolph A.	Charleston	Lammie, Samuel R.	Elkins	Blackburn, Laura	Morgantown
Cottrell, Adam	Charleston	White, Patricia A.	Elkview	Cottrell, Roger K	Morgantown
Crist, Amy	Charleston	Bragg, Tyler Patrick	Fayetteville	Donaldson, Kurt	Morgantown
Davis, Nathaniel Scott	Charleston	Squires, Frederic Max	Genardstown	Fedorko, Evan J.	Morgantown
Duminiak, Michael	Charleston	Barrios Fuentes, Juan de Dios	Huntington	Kuhn, Kevin R.	Morgantown
Elkhansa, Hussein S.	Charleston	Koon, Michael D.	Huntington	Shaffer, Robert D.	Parkersburg
Rohrer, Debra Dolson	Charleston	Thompson, Stanley Elmon	Huntington	Brill, Derek S.	Wardensville
Shaik, Mohiuddin	Charleston	Yoo, Sang Hong	Huntington	Del Greco, Eugene S.	Weirton

*Data obtained from <http://gisci.org/secure/members/directory/results.asp>*

## **VICE-PRESIDENT'S REPORT**

The WVAGP has focused upon providing guidance and leadership to the geospatial experts working throughout our state. The Association remains strong and vibrant, and our new board has provided guidance and expertise to our members through its continued efforts in training, outreach, and event planning. This office has worked with the President to conduct regular meetings of the board and of sub-committees in order to facilitate this process. We have also worked to recognize outstanding members of the geospatial community within WV.

Furthermore, the office has worked to cement ties to the growing geospatial educational community so that the Association has a continued wealth of new and dynamic membership.

Frank LaFone  
Vice President, WVAGP

## SECRETARY'S REPORT

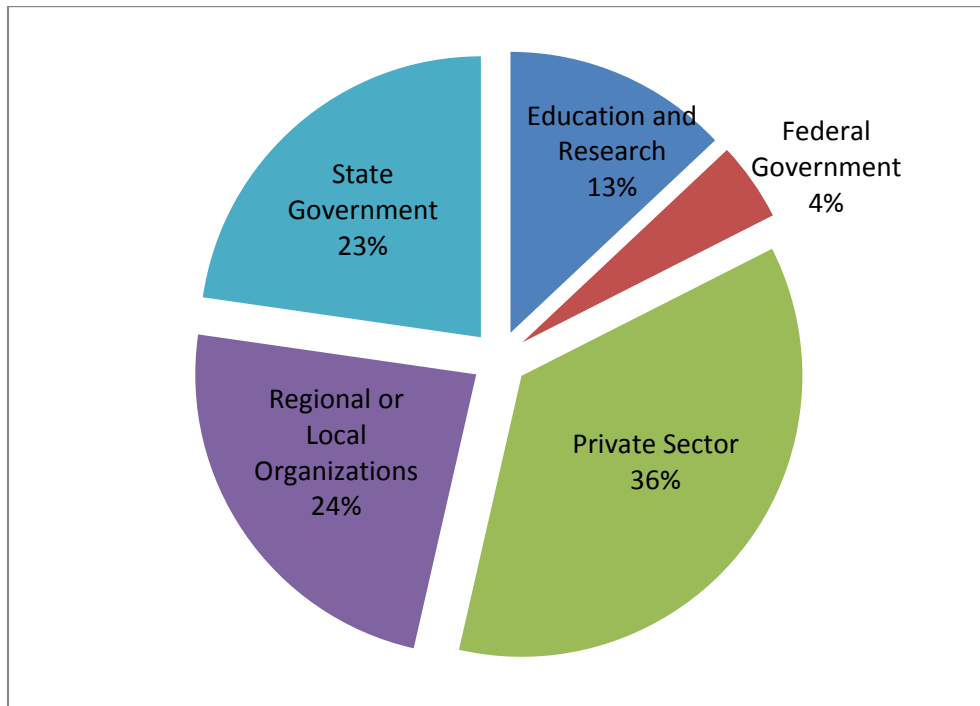
Consultants: In March of this year sixty letters of introduction were sent out to GIS constituents to present the benefits and training opportunities offered by WVAGP.

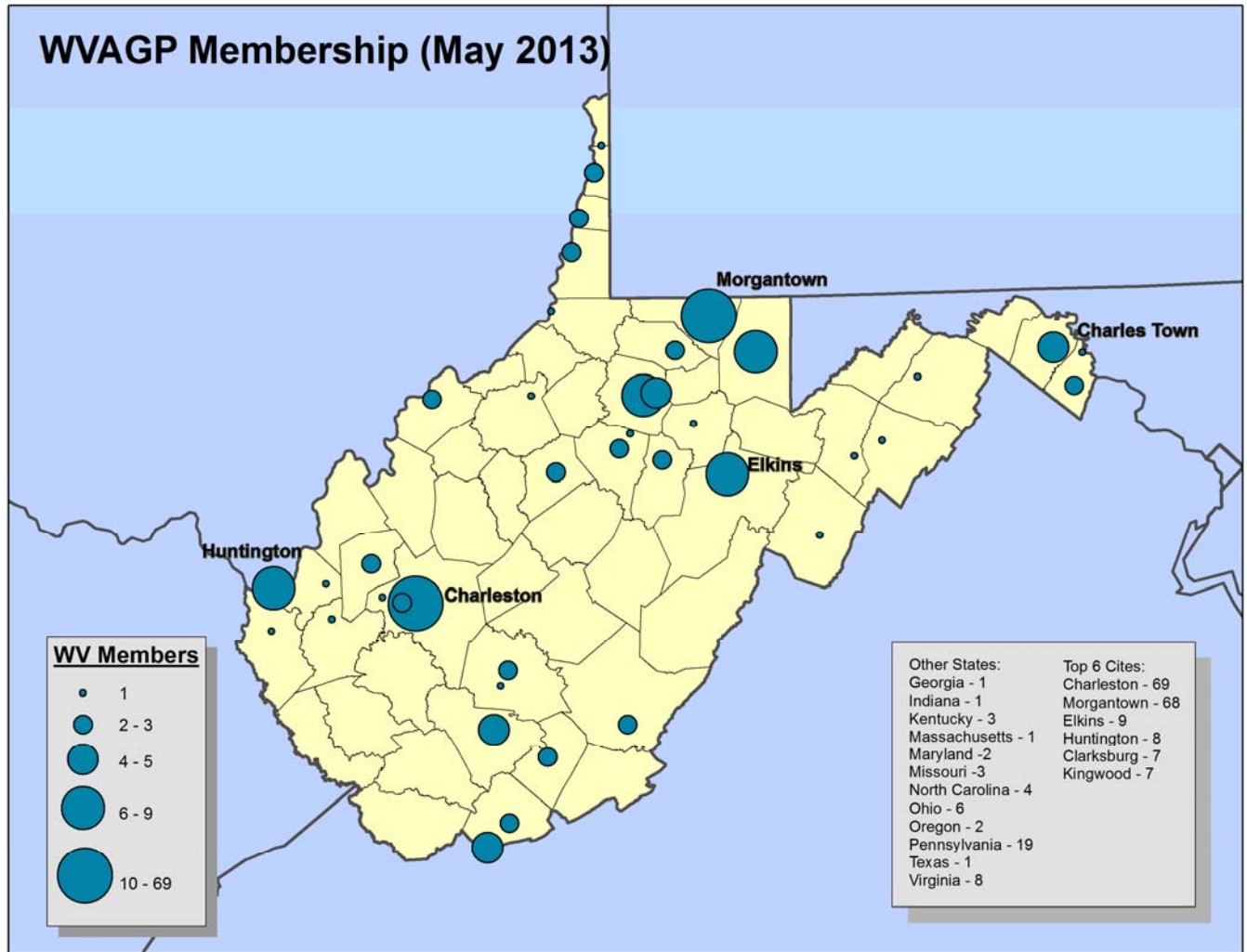
Local Communities: Personal contact was initiated with neighboring counties and local organizations to initiate feedback concerning the needs of their GIS programs to formulate a training schedule.

2013 WVAGP Membership Survey: The WVAGP membership was asked to submit a survey to determine the areas of interest in future training opportunities. This survey will be evaluated at the annual meeting and results will be a source of input to determine future training.

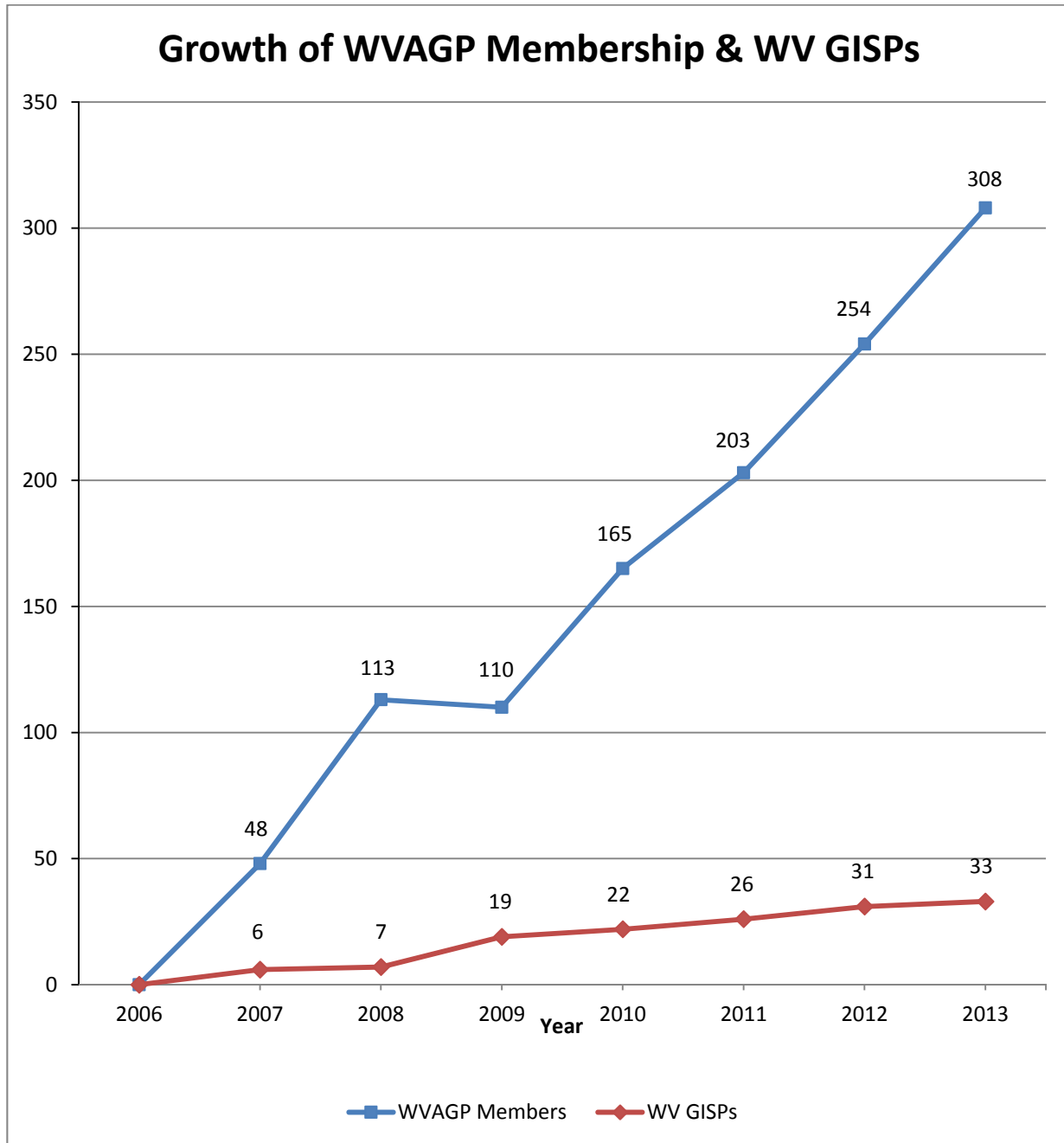
Membership Rolls: As of May 02 there were 308 members of which 171 members had paid their current year's (April 1, 2013 – March 31, 2014) dues. The apportionment of the membership and board of directors reflects the broad-level representation of the association. See the membership chart, graphs, and map below.

CONSTITUENCY GROUP	MEMBERSHIP (May 2012)	BOARD OF DIRECTORS (Voting Members)
Federal Government	14	1
State Government	70	3
Regional and Local Organizations	73	4
Education and Research	40	2
Private Sector	111	1
<b>TOTAL</b>	<b>308</b>	<b>11</b>









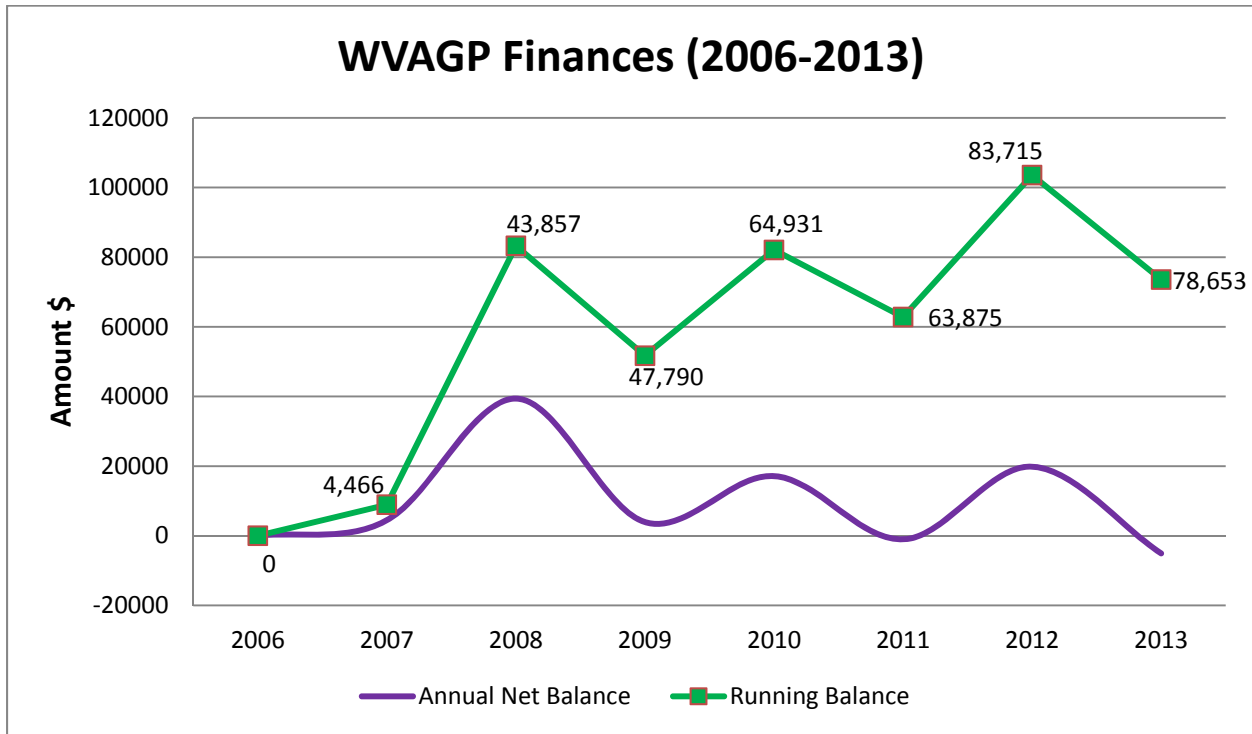
Mike Paugh  
Secretary, WVAGP

## TREASURER'S REPORT

Below is the audited financial report for the calendar year 2013 (January 1 – December 31, 2013).

<b>Annual Treasury Report 2013</b>		
Starting Balance		\$83,715.75
All income		
Membership and/or meeting registration fees, training fees	\$61,521.57	
Total Income		\$61,521.57
Expenses		
PayPal Expenses	\$1,579.88	
USPS Expenses	\$164.03	
Donation to Robb Shaffer	\$50.00	
Tax Prep Fees	\$159.00	
WVAGP Meeting – Days Inn	\$360.00	
AutoCAD Course Fees	\$4,951.00	
ArcGIS Server Course	\$11,130.00	
ArcGIS Course Books	\$8,585.93	
WVAGP Annual Meeting – Stonewall Resort	\$22,037.00	
ArcGIS Python Instructor	\$3,000.00	
Constant Contact Renewal	\$294.00	
WVGISTC Fees	\$11,010.49	
WV SOS Annual Filing Fee	\$25.00	
WVU Catering Fees	\$1,869.43	
Purchase New Checks	\$148.53	
Reimbursements	\$720.00	
Total Expenses		\$66,584.29
Summation		
Deposits		\$61,521.57
Expenses		\$66,584.29
Net Balance as of 12/31/2013		\$78,653.03

*Treasurer's Report Audited in spring 2014 and found correct*



Year	Income	Expense	Annual Net Balance	Running Balance	Comments
2006	0	0	0	0	
2007	4,693	227	4,466	4,466	WVAGP formed March 2007
2008	59,826	20,434	39,392	43,857	Received \$20K FGDC grant
2009	7,360	3,428	3,932	47,790	
2010	39,998	22,856	17,142	64,931	
2011	53,606	54,662	-1,056	63,875	
2012	64,736	44,895	19,841	83,715	
2013	61,522	66,584	-5,063	78,653	
<i>total</i>	<i>\$291,741</i>	<i>\$213,086</i>		<i>\$78,655</i>	

Other News

- WVAGP filed federal tax documents and it has been sent to the IRS for review.

Jennings Starcher, Treasurer

**COMMITTEE REPORTS**  
**(July 1, 2012 through June 30, 2013)**

**STANDING COMMITTEES**

**Election Committee**

The committee has worked hard preparing for the 2014 WVAGP Board of Directors election. We have eight qualified candidates for the six seats that are available. There is one candidate representing the State constituency, five candidates representing Regional/Local government constituency, one candidate representing Education & Research constituency, and one candidate representing the Private Sector constituency. Ballots and Nominee Profiles were sent out to the membership on May 2, 2014. Election of the new Board of Directors members will be at the annual membership meeting June 3, 2014. The six candidates selected will begin their term on July 1, 2014 and will expire June 30, 2016. Members of the election committee included Matt Mullenax (Chair), Nate Davis, Kurt Donaldson, Craig Neidig and Jennings Starcher. Board and officer elections occurred at the Annual Meeting.

Matthew Mullenax, GISP  
WVAGP Election Committee, Chair

## Communications Committee

### Committee Members

- Adam Cottrell – Chair
- Jennings Starcher – WVAGP Treasurer
- Kurt Donaldson
- Jessica Brewer
- Vince LaNeve
- Sam Moffat

To communicate with its members, the committee utilized the WVAGP website, Constant Contact Email marketing service, e-mail list serves, and online surveys. In addition, the committee routinely posted news items on the WVAGP website and published two electronic newsletters, one in November 2013 and a second in May 2014. The committee supported WVAGP training and meeting events by setting up the online registrations and making presentations on the Web accessible via SlideShare/WVGISTC/ WVAGP servers. The Committee also created and published online surveys for the 2014 Conference, training priorities, workshop topics, and feedback from the membership. In the future WVAGP will explore communicating with its membership by using Webinars, podcasts, and videos.

- ConstantContact Email Marketing – Free mailing list (members or non-members)
  - Subscribe/Unsubscribe automatically
  
- Newsletter (<http://www.wvagp.org/newsletters.asp>)
- WVAGP Listerves: – Member ListServe ([WVAGP@LISTSERV.WVU.EDU](mailto:WVAGP@LISTSERV.WVU.EDU))
  - WV Cadastral ([WVCADASTRAL@LISTSERV.WVU.EDU](mailto:WVCADASTRAL@LISTSERV.WVU.EDU))
  - WV Addressing ([WVADDRESSING@LISTSERV.WVU.EDU](mailto:WVADDRESSING@LISTSERV.WVU.EDU))
  
- WVAGP website ([www.wvagp.org](http://www.wvagp.org)) – News, meeting information, registrations, resources, etc.
  
- Presentations – SlideShare (<http://www.slideshare.net/wvagp/>)
  - WVGISTC/WVAGP Servers
  
- Online Surveys
- WVAGP on Facebook
- WVAGP on Twitter

*Twitter:* This past year a Twitter account was created to allow for another avenue of communication among the WVAGP member for social networking. Twitter opens up another way to communicate and spread news rapidly.

The Communications Committee is currently looking for more people to serve on the committee. If you are interested, please contact me or a WVAGP board member.



**WV Association of Geospatial Professionals Newsletter**  
 April 2013

**In This Issue**  
 Annual Meeting  
 GIS Training  
 Election of Directors  
 Membership Survey  
 New Statewide Imagery

**Message from the President**  
 Dear WV GIS Community,  
 I am pleased to inform you that our WVAGP membership has increased to 300 members, the largest it has ever been since our organization was chartered in 2007. I attribute the increase to the training and other events that WVAGP has organized, along with the GIS communication networks that WVAGP has established to bring GIS professionals in West Virginia together.  
 Hussein Elkhansa  
 Hussein Elkhansa, GISP  
 WVAGP President

**Quick Links**  
 About WVAGP  
 Join WVAGP  
[Join Our Mailing List!](#)  
[Find us on Facebook!](#)

**2013 Annual Meeting & Workshops (May 13-14)**  
 The **WVAGP Annual Meeting & Workshops** will be here soon. It is not too late to register!  
 • Over 100 people and 11 exhibitors have registered for the conference  
 • 2 days of presentations including 4 workshops on ArcGIS Online, Mobile, Lidar, & Tax Maps  
 • Speakers John Amos from SkyTruth and Civil War Historian Hunter Lesser  
 • Evening social barbeque for networking with professionals and friends

**GIS Training at WV GIS Technical Center**  
 A major objective of WVAGP is to make training affordable for its members; and so this past year, as Chair of the Training Committee, I and others have worked earnestly to organize professional development and training opportunities for the WV GIS Community.  
 Click [here](#) to view all the GIS training workshops being offered this spring and summer by the WV GIS Technical Center, Department of Geology & Geography, West Virginia University. Registration is first come first served.  
 Robb Shaffer

**Election of Board of Directors**  
 Don't forget to vote for 6 directors for the 2013 WVAGP Board Election.  
 >> [2013 WVAGP Election Packet](#) <<

**2013 Membership Survey**  
 Please take a few minutes to complete a [2013 membership survey](#) to help the WVAGP Board plan the future directions of the Association. Your feedback is important!

**WV Sheriffs Association Imagery Service**  
**WV 2010-12 Sheriffs Association Imagery:** Click [here](#) for information about the WV Sheriffs Associations 12" and 4" aerial photography Web map service. A number of organizations are accessing this new statewide imagery.  
 4" Imagery

Adam Cottrell, Chair

## Training & Outreach Committee Annual Report

The mission of the West Virginia Association of Geospatial Professionals is to bring together and build the geospatial community into a cohesive, recognized coordinating body that facilitates the use, development, sharing, and management of geospatial data and communicates the value of geospatial information to citizens and decision-makers. In doing so, the responsibility of the Training & Outreach Committee is to report and recommend on methods for exchanging information, along with promoting an awareness of geospatial technologies. The WVAGP places high value to Training & Outreach because we believe that it is an important component in having a successful and efficient GIS program. Our goal is help the GIS Community stay up-to-date with the latest technology and to give the community a chance to share their ideas and concerns. The WVAGP conducted an online GIS training survey to help identify & prioritize the training for the WVAGP membership and the GIS Community. The Results were posted in October 2013. A copy of the results is posted below.

---

October 30, 2013

**SUBJECT:** WVAGP GIS Training Survey Dear

WV GIS Community,

I am pleased to present to you the results of the WVAGP GIS Training Survey in which over 100 people responded. I would like to thank the WV GIS Technical Center for assistance in creating and compiling the online survey.

According to the respondents, there is high interest in the following classes:

### ESRI Instructor Courses:

- **Building Geodatabases (10.2) (3 Days)**
- **ArcGIS 3: Performing Analysis (10.2) (2 Days)**
- **Introduction to Geoprocessing Scripts Using Python (10.2) (3 Days)**
- **Editing and Maintaining Parcels Using ArcGIS (10.2) (2 Days)**

### Other Instructor Courses:

1. **GIS Foundations II: GIS Basics; Attributes, Tables, Query, Analysis, Editing (1 Day)**
2. **ArcGIS Server 1: Publishing maps online and multiuser database**
3. **Programing: ArcGIS Python: Intro, Geoprocessing, Map Automation (3 Days)**
4. **GIS Foundations III: Advanced GIS Implementation ; Geodatabases, Topology, Editing (1 Day)**
5. **ArcGIS Server II: Server and Database Configuration**
6. **GPS: Using GPS in GIS: GPS, ArcPad, Data Collection**
7. **Topical: Cadastral; Parcel Editing, COGO, Map Book, Best Practices**
8. **Analysis: Spatial analysis with Vector and Raster Data (10.2) (2 Days)**
9. **Topical: GIS and Addressing; Data Management , Tools and Resources**
10. **Programing: API Java Script Web Applications (2 Davs)**

Sincerely, Paul

Wray  
WVAGP Training Committee

ESRI Instructor Courses	Weighted Score Rank	Preferential Beginning with Total # Votes Rank	Preferential Beginning with 1st Choice Rank
Building Geodatabases (10.2) (3 days)	1	1	1
ArcGIS 3: Performing Analysis (10.2) (2 days)	2	2	4
Intro to Geoprocessing Scripts Using Python (10.2) (3 days)	3	3	5
Editing and Maintaining Parcels Using ArcGIS (10.2) (2 days)	4	4	6
ArcGIS 1: Introduction to GIS (10.2) (2 days)	5	10	2
Building Web Applications Using the ArcGSI API for java script (10.2) (2 days)	6	7	3
ArcGIS for Server: Site Configuration and Administration (10.2) (3 days)	7	8	7
Configuring and Managing the Multiuser Geodatabase(10.2) (3 days)	8	5	8
ArcGIS 4: Sharing Content on the Web (10.2) (2 days)	9	6	9
ArcGIS 2: Essential Workflows (10.2) (3 days)	10	9	11
Distributing Data Using Geodatabase Replication (10.1) (2 days)	11	11	10
System Architecture Design Strategies (10.2) (3 days)	12	12	12
Implementing Versioned Workflows in a Multiuser Geodatabase (10.1) (3 days)	13	13	13

Other Instructor Courses	Weighted Score Rank	Preferential Beginning with Total # Votes Rank	Preferential Beginning with 1st Choice Rank



GIS FOUNDATION II: GIS Basics; Attributes, Tables, Query, Analysis, Editing (1 day)	1	5	3
ArcGIS SERVER I: Publishing maps online and multiuser databases	2	4	2
PROGRAMMING: ArcGIS Python; Intro, Geoprocessing, Map Automation (3 days)	3	2	1
GIS FOUNDATION III: Advanced GIS Implementation; Geodatabases, Topology, Editing (1 day)	4	1	10
ArcGIS SERVER II: Server & Database Configuration, Caching, Services	5	3	12
GPS: Using GPS in GIS; GPS, ArcPad, Data Collection	6	7	4
TOPICAL: Cadastral; Parcel Editing, COGO, Map Book, Best Practices	7	9	5
ANALYSIS: Spatial Analysis with Vector & Raster Data (10.2) (2 days)	8	6	7
TOPICAL: GIS and Addressing; Data Management, Tools and Resources	9	10	6
PROGRAMMING: API Java Script Web Applications (2 days)	10	11	8
ANALYSIS: Spatial Statistics (1 day)	11	16	13
GIS FOUNDATION I: What is GIS? Intro to Spatial Data and Mapping Concepts (1 day)	12	21	9
TOPICAL: CAD - Autodesk/CAD Training for GIS Mappers	13	19	11
TOPICAL: Cartography in GIS - Best Practices	14	12	16
TOPICAL: GIS Program Management	15	8	15
TOPICAL: ArcGIS Tips and Tricks; what's new in ArcGIS 10.2 (10.2) (1 day)	16	17	17
TOPICAL: Lidar concepts, processing, viewing, and analysis	17	18	18
TOPICAL: Intro to Land Surveying for GIS Professionals	18	14	22
TOPICAL: Google Maps Mash-ups	19	15	25
TOPICAL: Mobile GIS Applications and Solutions	20	13	24
PROGRAMMING: Customizing desktop and add-ins using ArcObjects	21	22	19
TOPICAL: 3D ArcGIS - ArcScene, City Engine, Digital Cities	22	26	14
TOPICAL: Pictometry Software Training	23	20	26
TOPICAL: ArcGIS Online Resources; AGOL, ArcGIS Organizations, Publishing (1 day)	24	24	23

TOPICAL: National Hydrographic Dataset (NHD)	25	25	20
TOPICAL: National Geospatial Reference System; Geodesy	26	28	21
TOPICAL: Open Source Internet Mapping	27	23	27
TOPICAL: Intro to Remote Sensing	28	27	28
TOPICAL: Preparing FGDC Metadata	29	29	29
TOPICAL: Census Boundary and Annexations Surveys (BAS)	30	30	30

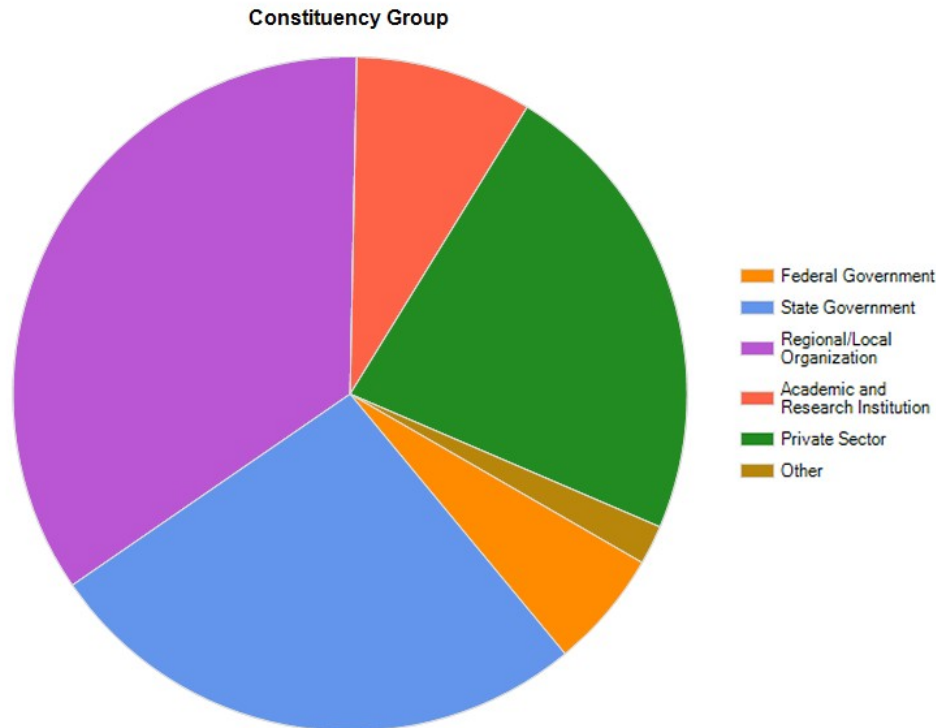
**RANKINGS:** The rankings of all classes are shown in the above table. Classes have been sorted by Weighted Score, but rankings have also been assigned for a sorting based on total # of votes and a sorting based on respondents 1<sup>st</sup> choice. These scoring and ranking systems are explained below. The full survey data sheet is available upon request.

- (1) **Weighted Score:** For each class, the number of 1<sup>st</sup> choice votes was tallied, then multiplied by 45; the number of 2<sup>nd</sup> choice votes was tallied, then multiplied by 25; the number of 3<sup>rd</sup> choice votes was tallied, then multiplied by 15; the number of 4<sup>th</sup> choice votes was tallied, then multiplied by 10; and the number of 5<sup>th</sup> choice votes was tallied and multiplied by 5. The multiplied values were then added together to get a ‘weighted score’ for the class. These scores were sorted in descending order and then ranked.
- (2) **Sorted by Total # Votes:** Classes were sorted by the total number of times someone voted for them (max 29 votes). The number of 1<sup>st</sup> choice votes were used as a tie breaker, followed by the number of 2<sup>nd</sup> choice votes, and so on.
- (3) **Sorted by 1<sup>st</sup> Choice:** Classes were sorted by the number of 1<sup>st</sup> choice votes. The number of second choice votes was used as a tie breaker, followed by the number of 3<sup>rd</sup> choice votes, and so on.

**CONSITUENT GROUPS:** 108 people from various constituency groups responded to the survey.

**COMMENTS FROM RESPONDENTS:**

- I will like training that will help with a county mapping department.



- I see many members becoming certified as GISP but the task and requirements seems daunting to go through when there is the potential to waste money on an unsatisfactory application. I could see the possibility of GISP mentorship as a huge help. Consider pairing up those interested in certification with those who are certified or willing to help/coach toward certification such as by offering suggestions for credit or helping to arrange opportunities that would be viewed as credit. The majority of professionals I work with were not educated in GIS and going through our experience and attempting to calculate value is frightening.
- 1. Spatial Analysis of Biological / Ecological Data. 2. Imagery analysis for forest / vegetation mapping (supervised, unsupervised classification, other techniques).
- Some workshops specifically related to oil and gas, such as basin and play analysis, or generating structure maps and cross sections using 3D analyst and spatial analyst.
- Offering the basic courses are essential, as I encounter people without basic skills. It is nice to have a recommended local class to suggest to them.
- Have some [training] in the southern part of the state or at least Charleston area.
- I'd like to learn more about databases in general, how to properly create and manipulate them and especially what not to do.
- I personally would be interested in learning about setting up ESRI software on a server and administering licenses over the network. I took the ArcGIS for Server class but it did

not go into the hardware setup/installation processes to get software running over a network. Having no IT background, this is really important for me now since my company has no IT department and I am the sole GIS user.

- Open to teaching/presenting land surveyor led classes for GIS/GPS.
- I would like to see topics that are focused on a particular careers (Forestry, Facilities, Natural Gas, etc...). Group together topics/training that would aid a professional. Typically, a workshop covers a topic that I need for a session then the rest of the education has no bearing on what I need.
- Too much ESRI. Remember they are a private company after all and there is a large number of exceptionally good and more affordable software tools on the market. Why does WVAGP encourage this monopoly?
- I could probably choose about 20 of these courses, It's so hard to narrow it down.

**Past WVAGP Sponsored Training** (From May 14, 2013 to May 30, 2014)

Instructor-Led Workshop	Training Dates	Location	Training By
Tax Mapping	May 14, 2013	Stonewall Resort	Atlas Geographic Data
ArcGIS Mobile & GPS	May 14, 2013	Stonewall Resort	Duncan-Parnell
ArcGIS Online	May 14, 2013	Stonewall Resort	ESRI
Lidar	May 14, 2013	Stonewall Resort	Woolpert
ArcGIS I: Introduction to GIS	June 10-11	Morgantown	WVGISTC
ArcGIS II: Essential Workflows	June 12-14	Morgantown	WVGISTC
ArcGIS Advanced Editing	July 16-18	Morgantown	WVGISTC
ArcGIS Python	January 8-10, 2013	Morgantown	WVU Geography
ArcGIS 10.1 Tips & Tricks	July 24, 2013	Morgantown	WVGISTC
ArcGIS JavaScript API	Aug 14-15	Morgantown	WVGISTC

**Future WVAGP Sponsored Training**

Instructor-Led Workshop	Training Dates	Location	Training By
ArcGIS Building Geodatabases 10.2	July 15-17, 2014	Morgantown	ESRI
ArcGIS Python	July 22-24, 2014	Morgantown	WVGISTC
ArcGIS Desktop Foundations I, II, III	August 4-6, 2014	Morgantown	WVGISTC
ArcGIS Online	August 7, 2014	Morgantown	WVGISTC
Geospatial Statistics	TBA	Morgantown	
WV Addressing Topics	October 14-16, 2014 (tentative)	Morgantown	WVGISTC
WV Cadastral Topics	November 4-6 2014 (tentative)	Morgantown	WVGISTC

## **Achievement Awards**

The Committee made the recommendation to the Board of Directors to present four individuals with achievement awards at the 2014 GIS Conference. The Board approved the recommendation and the awards were purchased.

Paul Wray  
Training & Outreach Committee Chair

## Technical Issues Committee

After the annual membership meeting in 2013 the Technical Issues Committee made a few rounds of calls among the members for any possible technical issues that a member would like to address. With the list of issues available, the Technical Issues Committee met in Flatwoods on November 4<sup>th</sup>, 2013 for a full day to examine the list. At the meeting these issues were categorized into five wider-ranging groups and five sub-committees as below were formed to further work on the issues.

- Aerial Mapping
- Metadata
- Web Services
- Tax Map Parcels
- Hydrology

Due to other commitments and unexpected issues the Technical Issues Committee and its sub- committees have not been able to meet again. However, each sub-committee has been making its progress.

For example, the Aerial Mapping Subcommittee has been working the state GIS coordinator Mr. Tony Simental. An update on LiDAR and imagery will be given by Mr. Simental at the WV GIS Conference in June 2014.

The finding from the Hydrology Subcommittee is that all major hydrology GIS data activities at this time revolve around a desire to improve the NHD which will require a large amount of funding.

The Metadata Subcommittee has been attending USGS/FGDC Metadata Working Group Webex sessions on a monthly basis in order to stay abreast of developments in the transition from the current Content Standard for Digital Geospatial Metadata (CSDGM) to ISO metadata standards. The goal of the subcommittee is to promote the inclusion of at least minimal metadata with data sets produced by West Virginia agencies and organizations. Several tools are available, or will be soon, that will enable the practical creation of ISO metadata. Future meetings will cover these tools and revisit the criteria for minimal metadata content.

Frank LaFone  
Technical Issues Committee, Chair

## SPECIAL COMMITTEES

### **Auditing Committee**

The president appointed the Audit Committee to certify the correctness of the Treasurer's financial reports for the calendar year. Members included Tony Simental, Tami Koontz and Katherine Paybins

## BYLAWS

*WVAGP bylaws can be viewed or downloaded from the Association's website:  
<http://www.wvaqp.org/Governance.asp>.*