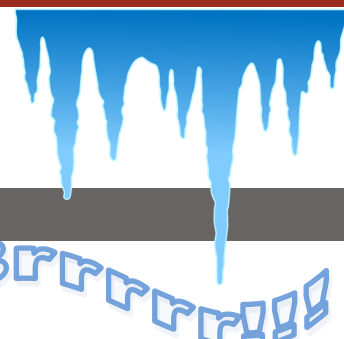


MMA News



Volume 30 Issue 1

January 2014

Letter from the President



I hope that everyone has had a wonderful Christmas and New Year! I look forward with anticipation to what 2014 holds for the Missouri Mappers Association.

I would like to take a moment to thank Ken Olive for his hard work in coordinating the ArcGIS Driver's Permit classes with Shannon White. Because of Ken's work and the wonderful response from those in the mapping community, it has been decided that the class will be offered again in the spring! If your organization is thinking about switching to GIS, or GIS has recently been implemented, I urge you to attend this class. It will no doubt be invaluable to you as you embark on your "GIS journey."

I know that it was mentioned in the last newsletter, but I want to reiterate: participation by our membership is extremely important! There are plenty of opportunities for a member to become more involved in *their* Missouri Mappers Association. Below are just a few:

Become involved in a committee. Whether you volunteer to be a chairperson, or simply a committee member, get involved. You can see a complete list of committees along with a list of all committee members and chairs at www.missourimappers.org/committees/. There is something for everyone!

- Add your skill set to a professional body by obtaining the Professional Missouri Mapper designation. More information is available at www.missourimappers.org/professional-missouri-mappers/. Attend a board meeting. If you aren't free to attend in person, you can attend via conference call. If you are interested, contact any board member to obtain the dial-in procedure.

Remember that your Missouri Mappers Association is what you make it...let's make MMA its best for its 30th year!

Respectfully Submitted,
Tim Kean
MMA President



MMA Executive Committee

- President - Tim Kean
- President Elect- Richard Kramer
- Secretary - Brenda Dryer
- Treasurer - Lisa Perry
- Director 2013-2014 - Erika Hagg
- Director 2013-2015 - Carla Palmer
- Immediate Past President - Lisa Mendpara

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Certification Committee Report

Once again, we are striving to have applicants for the Professional Missouri Mapper Certification Exam which will be given in the Spring of 2014. Interested MMA members should contact me by email at martisuiter@aol.com or by postal service at Marti Suiter, PMM Hickory County Assessor's Office PO Box 97 Hermitage, MO 65668. The test is now available for mapping in digital format which might make it easier for those who work in GIS. The original pen & ink test is still available for those who feel more comfortable with that method.

Respectfully submitted,

Marti Suiter, PMM
Committee Co-Chair

Awards Committee Report

Greetings Fellow Mappers! Put on your thinking caps and come up with someone who you believe to qualify for either Mapper of the Year or Boss of the Year. The nominees must be active members of MMA and a nomination form must be submitted prior to May, 2014. These forms are located in each newsletter so you can have easy access. I thank you all in advance for the assistance. The committee cannot nominate or select anyone without the input of the membership.

Respectfully submitted,

Marti Suiter, PMM
Committee Chair

Annual Meeting Committee Report

The Annual Meeting Committee met via conference call on January 15th. To celebrate our 30th Anniversary, we are planning an 80's dance party in conjunction with the vendor reception. On Thursday evening, we will have a "Pearl Anniversary" banquet, followed by a family feud game. We are starting to plan topics for workshops and speaking sessions. If you have recently worked on a unique or interesting project, or have used your GIS in an innovative way that you would like to give a presentation on, please contact me. As always, any ideas or suggestions are always welcome.

Respectfully submitted,
Lisa Mendpara
Annual Meeting Committee Chairperson

Membership Committee Report

I attended the Arkansas Assessor's Conference in Little Rock in November. There is a high level of education provided for all of the staff in every Assessor's office due to legislated reimbursements, something that would be of great benefit to us here in Missouri with strained budgets everywhere.

I was proud to represent our members as they do not have an organization quite like the MMA in Arkansas.

Erika Hagg

Historical Committee Report

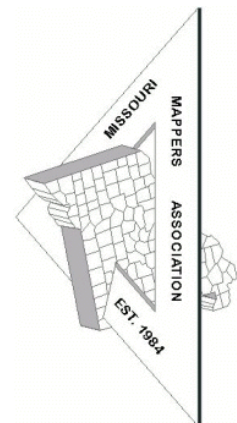
We are currently putting together idea's to commemorate 30 years of MMA at our 2014 conference. We are hoping to come up with a lasting way to share the past 30 years with MMA members

Sue Ann Stokes
Historical Committee Chair

MISSOURI MAPPERS ASSOCIATION ANNUAL MEETING TREASURER'S REPORT Jan. 24, 2014

BALANCE as of Oct. 23, 2013		\$11,786.11
RECEIPTS		\$130.00
BALANCE + RECEIPTS		\$11,916.11
DISBURSEMENTS		\$933.50
ANNUAL MEETING	\$0.00	
AWARDS	\$0.00	
POSTAGE	\$58.00	
HISTORICAL	\$0.00	
EDUCATION	\$300.00	
DONATIONS	\$0.00	
ADVERTISING	\$0.00	
MISC. EXPENSES	\$575.50	
MILEAGE	\$0.00	
INFO TECH	\$0.00	
BALANCE as of Jan. 24, 2014		\$10,982.61

(Misc. Expenses: Conference for Less \$102.06, Assessor's Conference (Lisa Mendpara) \$259.53
Seal, Stamp and Mileage (Erika Hagg) \$213.91



Education Committee Report

Missouri Mappers Association and the University of Missouri Extension 4-H Center for Youth Development

Missouri Mappers Association teamed up with the University of Missouri Extension Service 4-H Center for Youth Development to present a three (3) day training event on basic GIS software usage. Shannon White, PhD with the Missouri 4-H Center For Youth Development in Columbia, Mo., presented a three day training session on the ESRI ArcGIS Desktop software 10.2.

On Tuesday, January 21st, 22 attendees from a variety of backgrounds gathered at the 4-H Center for Youth Development Office in Columbia, MO for the first day of basic use of the ESRI software, ArcGIS Desktop. The class provided training in the changes that have taken place not only in the software updates, but in the look of the computer screen when using the software.

Due to a previously scheduled training session by another group, our training group was moved to a smaller room and the group size was reduced due to the size of the room for days 2 and 3. BUT, just because we were in a smaller room, we were not disappointed in the large amount of information received from Shannon. Days 2 and 3 focused on using more of the advanced tools offered in the ArcGIS Desktop software. Everything from how to select features, to exporting data to tables, to importing data to use in a basic analytical study, to how to make a simple map, to how do you use GIS and Microsoft Excel, to how to create a geodatabase and feature classes, and how to create a query definition and get information from your GIS system. We had 16 students on Day 2 and 13 students on Day 3.

Attendees came from many different agencies from around the state of Missouri: Missouri Department of Conservation, Missouri Assessor's Offices, Missouri Department of Economic Development, the City of Springfield Health Department, State Emergency Management, and a professor from Truman State University. With the wide variety of backgrounds came a very wide work experience and use of the GIS software. The knowledge and skill of the attendees with Esri software ranged from just starting, to some very good power users. Many attendees with prior use skills came to refresh their basic skills, learn about changes in the new software version(s) and pick up some of the tricks of using the software Shannon provided.

Shannon is a very capable instructor and worked with each group of attendees, answering many questions of "How do I..." with ease and making her answers interesting to all students. Shannon took the GIS software, which can oftentimes seem intimidating, and showed us how user friendly it can be.



Over the course of the three day training session, I visited with many of the students and their comments ranged from, "I am lost!" and "WOW, how did you find Shannon?" to "Can I take her back to my

cont...

Education Committee Report cont.

office with me, PLEASE?” and “This is GREAT! When can we have more training?” One person commented, “Definitely worth the money, I will tell my supervisors and have others in our office attend the next class you offer. Thank you 4-H and Missouri Mappers Association.” And one of the better quotes from the sessions, “This is not your Momma’s 4-H anymore!” brought many laughs from the attendees.

Unfortunately, Shannon has many varied duties with the Missouri 4-H program and cannot devote her time fully to GIS training. But, with a little bit of luck, and with the GREAT reception we received from the 4-H Center, we will make a return trip for more basic GIS software training in late March.

Shannon has received permission from her Director to once again put on this fantastic basic training March 31st, April 1st and 2nd, 2014. The training will be at the 4-H Center for Youth Development Office in Columbia, MO. More information for registration will be coming in the next few weeks.



The 4-H has youth groups around the state in many of our communities and today, one part of their program is providing information about potential employment opportunities for the youth as they graduate high school and college. The Missouri Mappers Association has partnered with the 4-H for the excellent training opportunities. In return, if the 4-H calls you and makes a request to provide a short program for their local youth members on what your office does and how you use your ArcGIS Desktop software, PLEASE agree to do so. The program does not have to be very long. Just about what you do and how you do your work. Who knows, you may find your next employee.

This training course was supported by the Missouri Mappers Association Executive Board with not only moral support but financially as well. Due to the location of the training facility, easy access to dining for lunch was not readily close by. Money provided by the MMA Executive Board was used to place lunch orders on two days for all attendees and support staff. Everyone agreed the training would not have been as successful without this financial support. Thank you to the MMA Executive Board.

I would like to extend a **THANK YOU** to Shannon for providing her knowledge and expertise to make us all “GIS GURUS”, as Assessor Donnie Waybill put it, and to Director Ina Linville of the 4-H Center for Youth Development for allowing us to co-op with the 4-H on this training. I would also like to say a real **BIG – THANK YOU** to three people who provided the background support prior to and during the training to make this training event happen: Patty Hudnut, Dustin Oehle, and Kayla Flamm.

As soon as Shannon lets me know that the registration website for the March 31st – April 2nd GIS training course *** is available, I will get it out to everyone.

Submitted by Ken Olive, MMA Education Committee

*****Registration info now available
on page 10 of this newsletter!**

Publication Committee Report

I want to say Thank You! to all of the MMA members (and some who are not members) that provide content for the quarterly newsletter. I depend on those people to make the newsletter worth reading. I really hope our members get something out of each and every issue! Please give me your feedback on what you would like to see included. Have a great day!

Melissa Johnson

Benefits of the Missouri K-12 GIS license pay off for students advancing to final rounds of International opportunity

Laura Estabrooks, GIS teacher at the Columbia Area Career Center, encouraged her students to apply for an international opportunity with GIS through the American Association of Geographers (AAG). She shared the following information:

I wanted to inform you of the status of my students who applied for the Global Connections and Exchange Youth TechCamp Organizers. Michael and Allyssa both received a call today to obtain parent permission to participate in the program. Both parents of course gave permission and Michael and Allyssa are finalists. It is our understanding that approximately 50 students have made it to the finals and 30 of those students will be selected.

Here is the link to the program and organization <http://www.aag.org/techcamps/organizers>.

Laura was the FIRST teacher to take advantage of our Missouri K-12 GIS license which makes the Esri software suite available for FREE to K-12 schools, youth serving organizations, etc. I forwarded her this opportunity with AAG, as I knew her program was growing and at the point where she has instilled the confidence in these students to seek such opportunities. Kudos to Laura and to the students, and I hope they make it to the finals (I will keep everyone posted).

At this time over 2000 Esri licenses have been provided across the state. They are being used in a variety of classes (Geography, US & World History, Global Studies, Science, Math, Instructional Technology, English/ Language Arts, Career/Vocational Ed, Agriculture, Fine Arts, Health & PE, and more). The licenses are in schools in the following locales: St. Louis, Kansas City, Riverside, Eldon, Columbia, Queen City, Norwood, Thayer, Springfield, Washington, Sikeston, Cape Girardeau, Marceline, Noel, Tuscumbia, Lee's Summit, Smithville, Ozark and Town & Country.

The Missouri Geographic Alliance is beginning to plan more educator focused workshops this spring, summer and fall to integrate geospatial technology in the classrooms. I am working with MU and Esri to extend the current agreement for the Missouri K-12 GIS license to 2017! Don't forget to share with schools and youth organizations in your community the Missouri K-12 GIS license information found at <http://gis.missouri.org>

Shannon H. White, PhD

Innovation Spotlight

Case Study: A Better Way To Publish Plat Books

Joe Cochran, the Assessor at Miller County had been publishing his own Plat Books for a few years and began exploring alternatives instead of using his valuable and limited resources to accomplish this task. One solution was to allow Mapping Solutions, (formerly Marceline Mapping), to provide an alternative that was easy, cost effective and didn't bog down his regular day to day responsibilities.

Mapping Solutions provided a turn-key solution for Joe and his staff which included the following:

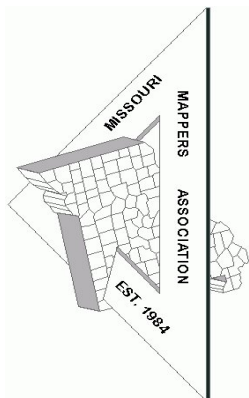
- Accurate and user friendly Plat Books built to County specifications.
- Minimal purchase requirements – small initial order and reorder as needed.
- Cost effective – Priced right so that Joe could make money selling his new Plat Books.
- No hassle – Joe just provided the data from his files and Mapping Solutions did all of the rest.
- Worked within an established timeline.
- Eliminated any need for extra supplies, printing materials or software.

Joe and Mapping Solutions met a couple of times to establish the book specifications, timeline and expectations for both parties. Once the agreement was made, Joe provided the data and Mapping Solutions completed the project, Joe was provided a proof book to review and revise per his needs. The books were not published until approved by Joe and were shipped within a few days of his final approval.

“When I made the decision to have Mapping Solutions complete our 2013 plat books for us, it was one of the best decisions I have made for the office. My staff worked for more than a month to prepare the plat books each year, and it was a very tedious project. When Mapping Solutions took over the project, the pricing they gave us was fair, their work was exemplary, and we ended up coming out way ahead on our budget in the mapping department when we put in the amount of time the staff saved on not putting any time in creating our own plat book. I would recommend any office that creates their own plat book to look into this new mapping option, it could save them a great deal of work, and the cost is well worth the price.”

– Joe Cochran, Miller County Assessor

The result was an excellent Plat Book that was well received by the public. Joe has sold almost twice as many of the Mapping Solutions edition compared to the previous one, so far. Future editions can be done at Joe's discretion, but the plan is to have new editions every 2-3 years.



2013-2014 OUTSTANDING MAPPER OF THE YEAR APPLICATION

The "Outstanding Mapper of the Year" award is presented at the Missouri Mappers Association annual conference. The award is designed to honor an individual who has displayed outstanding abilities in the mapping field. Nominees must be a current member of MMA, have been a member for at least one year, and be technically proficient in mapping techniques and standards. Nominations should explain why the nominee merits this award.

Name of Nominee: _____

Employer of Nominee: _____

I believe _____ should be nominated for "Outstanding Mapper of the Year" because _____

(Continue on additional sheet if necessary)

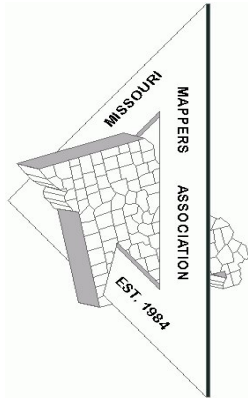
Your Name (printed): _____

Signature: _____

Phone number: _____ Email Address: _____

Mail Application to:

Marti Suiter, PMM
Hickory County Assessor
PO Box 97
Hermitage, MO 65668
Or email to martisuiter@aol.com



OUTSTANDING BOSS OF THE YEAR APPLICATION

The "Outstanding Boss of the Year" award is presented at the Missouri Mappers Association annual conference. It is presented to honor the "Top Boss" who has displayed outstanding leadership abilities. Nominees must be a current member of MMA, have been a member for at least one year, and be technically proficient in mapping techniques and standards. Nominations should explain why the nominee merits this award.

Name of Nominee: _____

Employer of Nominee: _____

I believe _____ should be nominated for "Outstanding Boss of the Year" because _____

(Continue on additional sheet if necessary)

Your Name (printed): _____

Signature: _____

Phone number: _____ Email Address: _____

Mail Application to:

Marti Suiter, PMM
 Hickory County Assessor
 PO Box 97
 Hermitage, MO 65668
 Or email to martisuiter@aol.com

ArcGIS Drivers Permit Class

Shannon White with employees from the MU 4 H Extension Service will instruct a second ArcGIS Driver's Permit program in Columbia, MO. This will be a hands on training experience with computers loaded with the most current ArcGIS Desktop version. This class will take you through the basics on the first day, then more advanced topics on days 2 & 3.

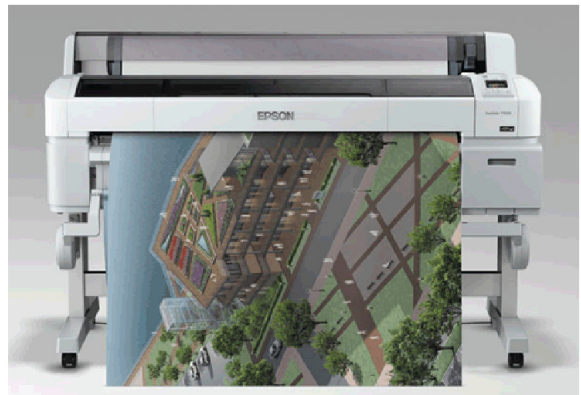
The dates are set for March 31, April 1, April 2. The url to register for this class is: <https://extweb.missouri.edu/NewWebReg/Login.aspx?uid=467&pid=123823>. This class was very well received as noted in the Education Committee Report. If you have any questions please contact Shannon White at whiteshan@missouri.edu.

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Geospatial Summer Camp for Youth at Mizzou

Registration is now open for the 6th Annual GeoTech camp will be held July 20-24 at the University of Missouri. This camp is for youth aged 12-15. Registration information is available at: <http://4h.missouri.edu/programs/summers/>. It has

Brochure Description: Do you like maps? Are you interested in the latest geospatial technology such as GoogleEarth, GPS, GIS and Remote Sensing? Would you like to GeoCache or create “mashups” in GoogleEarth? At GeoTech, you will learn how to use these devices and spend time exploring a cave. We will collect and analyze geographic information and then use the geographic laboratory to plot your data on maps. Interested? Then grab a flashlight and show up at N38° 56' 4702122 W092° 19' 43.683 and be ready for fun and action.

GeoTech Daily overview

Day 1 ** (Monday)	Day 2 ** (Tuesday)	Day 3** (Wednesday)	Day 4** (Thursday)
Welcome & Introductions What is Geography? What do Geographers do? Maps and Compasses Introduction to GPS	Daytrip to Rockbridge State Park Orienteering/Geocaching Karst Geography Cave Exploration Importing and Viewing GPS data	Introduction to Geographic Information Systems Outdoor Data Collection Fieldwork Working with Virtual Globes and Online Maps	Working in Geographic Information Systems Software Remote Sensing Overview and Hands on with Satellite Images/LiDAR data Project Presentations/Demonstrations

Shannon H. White, PhD
University of Missouri

MDSIS Report—Mark Duewell, MSDIS Program Manager

December, 2013 MSDIS Report to the MGISAC – provided January 8th, 2014
Mark Duewell, MSDIS Program Manager

1. Virtualization of the MSDIS-Imagery Servers and storage space upgrade:

An implementation planning meeting with DOIT will occur on Monday, January 13th.

2. GeoPortal: Adding metadata records for imagery and services to the portal:

Our student staff member (Louisa) is working with Jason and myself to import the 2007-2008 imagery into the GeoPortal. When the metadata manipulation required for GIS Inventory\FGDC is complete they'll all go up at once. No projected date of completion on these yet because they're proving to take a lot more effort than the 2012 NAIP and we've only been at it since the New Year. The metadata provided by Surdex (Tim Bohn\Tim Donze) has been very helpful. Most of the issue revolves around reconciling the original title – with the old MSDIS title – with the new naming convention.

Additional Portal cleanup is continues – work is focused on the Portal's geodatabase.

New record count is 513 (down from 515 – duplicate files were removed).

3. Broadband “Structures” Project:

The East-West Gateway contract is still under negotiation. Southwest RPC digitization is complete, the last of the Structures footprints provided by Taney County (Patty) are being attributed and portions are now under review. Most of the student staff are working on the finishing work in the MARC RPC. One RPC (HSTCC) will be unable to accomplish the project due to dealing with the tornado damage and weather events since (among other reasons). This means the GRC will have to complete the CAI surveys and Structures review in-house utilizing the funds originally designated for HSTCC to accomplish this task.

Progress: We're now at 3583547 points (previously 3,511,954) as of this past Monday - and 75188 footprints (previously 74,394) completed or acquired through sharing by communities involved.

Reminder - MOLiDAR – has been launched. Public comments are always welcome.

The service is available in both LAS: (<http://www.msdis.missouri.edu/data/lidar/download/index.html>)

If you haven't visited the MSDIS website, you are missing out on a great resource for data and information. The website is at <http://msdis.missouri.edu/>.

SAVE THE DATE!
Missouri Mappers Association
30th Annual Conference
July 22nd – 25th 2014
Country Club Hotel & Spa
Lake Ozark, MO

Southwest MMA Chapter Report

The SWMMA Chapter met on November 1st in Lawrence County. We attended an all day ArcGIS class taught by Josie Bock. We had a great turn out of over 20 members. Certificates of Completion were mailed to all attendees. Our next meeting will be held in the spring.

Tim Houtchens (Taney County) will be retiring at the end of this month after 31 years of service. We would like to extend our best wishes to him in all of his future endeavors.

Erika Hagg
SWMMA President

West Central MMA Chapter Report

Not much to report for West Central Chapter. We had a meeting last November where we took a tour of Sierra Bullets. Current number of members who have paid their \$5 dues is 17 people. If anyone else needs to pay their dues, they can contact me via email. We are also planning to make a basket prize for the next Mapper's Conference, and that if anyone had ideas or something they would like to contribute to the basket, they should contact me. Lastly, if anyone was interesting in hosting a second meeting before the summer at their county, to let me know, otherwise see them at the conference!

Have a great day!

Sarah Cox

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update your
Aerial Imagery?***



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for information about the **Missouri State Wide
Imagery Program**, and see how you may be able
to save money on your next flight!

Tim Houtchens, PMM

Hi my name is Timothy J. Houtchens, I am a PMM and I am retiring after 31 years of service as a Mapper for Taney County. I have worn many hats over the years, Mapper, Mapping Supervisor and Deputy Assessor.

I joined “Re-assessment”, on September 1, 1982. I had over 20 years combined experience as a land surveyor technician and as a draftsman. This training has served me well over the years. At that time we did all mapping on Mylar using pencils and basic drafting equipment to build the preliminary maps and then later using ink on the double matte Mylar templates. We used a “Leroy” lettering set to ink the text on the final templates. To build these maps we used GLO plats, highway plans, subdivision plats and surveys and the deeds of record. We also used the photometric features to help determine ownership lines. We had specially built light tables so that we could easily see the aerial photo which was the basis of our maps. We used a Vemco track drafting machine with civil engineering head. This type head allowed us to turn bearings quickly and easily.

Our photography in the more urban areas was Ortho-rectified which was highly accurate and in the more rural areas we used aerial that were rectified to the USGS topo maps. The down side of the rectified photography was that the next time we had a flyover done, most objects like highways and fence lines moved and we had to re-map those areas.

Re-assessment ended in 1985 and we went from 6 Mappers to two. Due to budget cuts in January, I ended being the sole mapper with over 40, 000 parcels. The State Tax Commission also did a map count and found that the Mapping firm that “They” required us to use to finish re-assessment had split out every lot in, in-active subdivisions. I now had to try to keep up with the normal work load of a growing county and remap those areas as they had “Froze” our parcel count. Needless to say I did not have any spare time or down time especially after book close. I did get a Mapping Clerk to work the Straight transfers and take care of customers that needed maps that fall.

My step-dad was a Cartographer and had worked for a mapping company in Kansas City that made Rand McNally road maps. In reassessment he made a plaque for my desk, Timothy J. Houtchens, Cartographer. He was one of my mentors and it really pleased me knowing that I met his standards. In 1990 Gary Drennan a land surveyor from Nixa came to my office needing information. I noticed on his business card that he was a PMM. At that time I had not joined the MMA as I couldn’t spare the money for dues and the county didn’t think it was important. I had wondered for several years where I fit in the Mapping community. Just how good was I? Gary & I talked and he felt that I might qualify for the exam, so I joined the MMA and took the test. I did not ask the County to financially support me in this endeavor. I really didn’t think they would. I really wanted to prove to myself how good I was. I did

cont. next page



pass the test and was the 13th to do so. I am very proud of my designation. I would like to urge anyone that has 5 years experience with mapping to take the test. It's not easy but it is worth it to be recognized as a "Professional". The test is now available in digital format.

In 1993 we had jumped from 5000+ deeds a year to 7754 deeds. We also added a mapper. In 1994 we increased from two mappers & one clerk to three mappers and 2 clerks. We received over 8800 deeds that year. I was also awarded the "Mapper of the Year" by my peers.

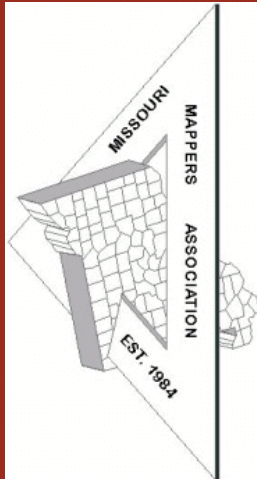
In 1993 I also had to verify parcels and valuation in a new TIF district. This was a major headache. Not only did you have to identify Commercial parcels but you also had to determine the "Base" value of the year it was put into the TIF. Each following year I had to identify parcels that split from the main parcel, prorate the base value and show how much the increase or decrease was. Now this is accomplished by a computer.

In 1998 I contacted the Department of Natural Resources State Land Surveyor to establish GPS (Global Positioning Stations) monuments throughout the county. This was a cost share between the county and the state with them paying the lions share. These monuments are used by surveyors to tie their survey with the State Plane Co-ordinate system. These surveys & plats would be Geo-referenced and could be "plugged in" to your digital environment. Also the contractors that would be doing the aerial flyovers need that information to consistently geo-reference the digital images. I felt this was an important first step in building a digital mapping system or GIS.

In 1999 we entered into a contract with Curtis Copeland a GIS Specialist with the City of Branson. Curtis taught us how to build our GIS system at a fraction of the cost. We went live with the system in 2002. We built the system using ESRI's Arc Map 3.2 and have now evolved to using Arc 10.1. I don't personally believe that digital mapping done right is any quicker than manual drafting. The trade off is in the final product. We were only able to reproduce the 36x36 maps on a blueprint machine in the old system. We can now make Letter size, Ledger size, and 36x36 at any scale a person may want. Also 911, Emergency Management, Planning & Zoning, the Sewer Dept., Sheriff's office, the Prosecutor, the County Clerk, the IT Dept. and Road & Bridge use our maps extensively. In the Private Sector, Engineers, Surveyors and Land developers also make use of our maps.

I have enjoyed most of my time here. I will miss my co-workers and working with the public. I will not miss the Politics though. I hope to come to the Annual meeting this year as I will also miss my many friends at the MMA.

Best Wishes Tim!!
From your friends at
Missouri Mappers!



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website!
[www.
missourimappers.org](http://www.missourimappers.org)

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1/2 Page	\$75 per issue	4 issues—\$275
Full Page	\$100 per issue	4 issues—\$350

Article and News Submissions

Article and news submissions for topics that cover issues that are important to all of us can be sent via email or snailmail to the following address for consideration for future publications.

Melissa Johnson, GIS Manager
Cole County, Missouri
210 Adams St., 1st floor
Jefferson City, MO 65101
mjohnson@colecouny.org
Phone: 573-634-8901

