

#### MMA Executive Committee

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- **Director 2013-2014 - Erika Hagg**
- **Director 2013-2015 - Carla Palmer**
- **Immediate Past President - Lisa Mendpara**

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# MMA News

*Annual Meeting  
Edition*

Volume 30 Issue 3

July 2014

## Letter from the President

Greetings Mappers!

We are down to the wire...Annual Meeting time is upon us. I would like to thank Lisa Mendpara and the entire Annual Meeting Committee for all of their hard work to make our 30<sup>th</sup> Anniversary the best ever! I encourage every member to complete the Conference registration form and return it ASAP. You don't want to miss anything. We get things started with the Welcome Reception Tuesday night. After a day of workshops on Wednesday, we will have the Vendor Reception with an 80's Dance Party. Thursday, we will have various speakers and breakout sessions followed by our Banquet and a Family Feud game. Friday, we will finish up with our Annual Business Meeting, presentation of awards and Executive Board elections.

I will take this last opportunity to implore you to sign up for a committee. There are plenty of places to serve. Sign-up sheets will be available at the Annual Meeting. You have the ability to make MMA's upcoming year even better than the last...DO IT!!!

Thank you for allowing me to serve you as President. Everyone on the Executive Board has been wonderful to work with, and I think we have all enjoyed a relatively quiet year. I said it at the beginning of the year, and I'll say it again... I look forward with anticipation to what the upcoming year holds.

Respectfully Submitted,  
Tim Kean  
MMA President



**Missouri Mappers  
Association**  
*Celebrating 30 Years!!*

## Ray Fox Retirement—Missouri's USGS Liason

This is just a very few words about a guy I could probably speak volumes on...

Those of us that have seen the USGS Liaison Program at work probably understand that in most states they are the cement of those state's geospatial programs – supporting open data exchange, enhanced data acquisition and coordination, broader outreach and better communication.

The USGS gentleman from Missouri could be the mold that all other liaisons should be created from. I know – I've been on the road with not only Ray but a number of the other liaisons – and he stands out in a very strong field. Missouri has benefited significantly from his tenure in more ways than I can list here – and we all know it. He has been the consummate professional – balancing his professional USGS requirements with a knowledge and understanding of Missouri's users and practical (and occasionally financial) assistance for all. His personal attention to Missouri will be missed.



For many of you your exposure to Ray came through his numerous and regular “outreach” efforts – particularly in support of the Regional Geospatial Workshops and conferences over the years. Ray was always promoting national and regional agendas – but plain spoken and frank about how they related to the everyday GIS efforts most of us pursue. Those of you who knew him remember he brought a lot of humor to his presentations - spiced with occasional - but pointed - sarcasm!

I have been fortunate to work with him and I am extremely proud to call him “Friend”...

Since he retires at the end of this month I am sure USGS will replace him with another extremely competent liaison. But I'm thinking we're entering a new era - and our sunshine will be “Rayless”.

Mark Duewell  
MSDIS Program Manager  
June 18<sup>th</sup>, 2014

*Congratulations to Ray  
on retirement, from  
your friends at MMA!*

**Need to  
update your  
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[www.flymoimagery.com](http://www.flymoimagery.com)

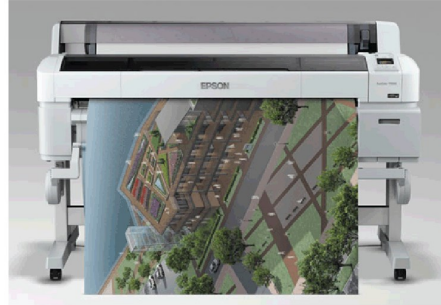
for information about the **Missouri State Wide Imagery Program**, and see how you may be able to save money on your next flight!

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Presents

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### Certification Committee Report

The Certification Committee is looking forward to the 30<sup>th</sup> Annual Meeting of Missouri Mappers Association. With the reinstatement of the PMM breakfast on Thursday, we will be able to have our meeting without interfering with the Chapter Meetings. We are also looking forward to being involved in the round table discussion as a break-out session on Thursday afternoon. We hope to have several prospects come to the session and be able to calm their fears at the prospect of taking the Certification Exam.

Respectfully submitted,

Marti Suiter, PMM

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### Education Committee Report

The Education Committee does not have any events coming up prior to the Conference and we look forward to the Annual Meeting and attending all of the wonderful sessions and workshops put together by the Annual Meeting Committee. We are excited to establish a new education budget for the 2014-2015 year at the business meeting, so please feel free to bring us some fresh new ideas for expanding the educational opportunities provided by MMA.

Sincerely,  
Katie Shepherd & Ken Olive

## Annual Meeting Committee Report

There's still time to register for the 2014 Missouri Mappers Conference. This year we will be at the Country Club Hotel in Lake Ozark from Tuesday July 22nd - Friday July 25th. It's our 30th Anniversary as an organization....come help us celebrate!

We'll kick things off with a welcome reception on Tuesday evening at 5:30 pm. Food and non-alcoholic beverages will be provided.

On Wednesday there will be workshops throughout the day, followed by a vendor reception and 80's dance party in the evening. Get into the spirit by breaking out your 80's clothes....there will be a prize for best costume!

Thursday morning we will start by hearing MMA founding member Jan Elliott tell us about the history of MMA. Throughout the day we will have general and breakout sessions with topics such as sovereign citizens, sinkhole mapping, broadband, LiDAR, online gis, PMM designation, and more. That evening we will have our "Pearl Anniversary" banquet, a family feud game, and karaoke.

We will finish Friday morning with our Annual Business Meeting, awards presentations, and election of new officers.

Included in this newsletter you will find the registration form, tentative schedule, and workshop descriptions. If you are not attending the conference, but want to renew your MMA dues, there is also a form for that.

To make sure you get registered before the deadline, you can email your registration form to [lisac@casscounty.com](mailto:lisac@casscounty.com) or fax to 816-380-8186 ahead of your payment.

Hope to see you all next month!  
Respectfully submitted,  
Lisa Mendpara  
Annual Meeting Committee Chairperson

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## Awards Committee Report

Plaques are ordered and on their way. Certificates are ready to be printed as soon as certificate paper is obtained. I am really looking forward to this meeting as we will be celebrating 30 years as an organization. Hope to see you all there!

Respectfully submitted,  
Marti Suiter, PMM  
Committee Chair

## SAVE THE DATE!

Kansas Association of Mappers Conference

October 7 - 10, 2014

Manhattan, Kansas



The 2014 KAM Program Committee has been very busy preparing for the 2014 Kansas Association of Mappers Conference in Manhattan, Kansas! The program committee members are a great group of GIS professionals who are dedicating their time and effort to make this year's conference a great experience for all who attend!

*Lead~Learn~Share*  
*From Local to Global*

### MGISAC Local Government Committee

The Missouri GIS Advisory Council (MGISAC) Local Government Committee is currently developing a survey that will be sent out sometime in the next few months. It will be similar to a phone survey in which we contacted county GIS shops in 2012. This survey will go to both city and county governments and will be sent out via email. I encourage you to please take a few minutes and complete it. We plan to do these surveys on a regular basis. It will help us map the status of GIS in Missouri local government and determine where we should focus our efforts. You can view the report that was a result of the 2012 survey by visiting [www.mgisac.org/committees/local-government](http://www.mgisac.org/committees/local-government) under **Annual Survey Results**. While you are there take time to add your contact info to our Local Government GIS Directory!

Thanks!  
Melissa Johnson  
MGISAC Local Government Committee  
Chair

**SAVE THE DATE!**

**MOGISCON**

**2015**

**February 17th—19th**

**Ramada Oasis Convention Center**

**Springfield, MO**


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**Room Rate: \$81**



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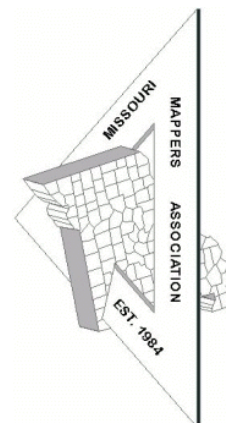


Contact: Tim Donze @ TimD@surdex.com  
520 Spirit of St. Louis Blvd. | Chesterfield, MO 63006 | www.surdex.com | 636-368-4400

MISSOURI MAPPERS ASSOCIATION  
ANNUAL MEETING  
TREASURER'S REPORT  
June 27, 2014

<b>BALANCE as of April 25, 2014</b>		<b>\$10,780.21</b>
<b>RECEIPTS</b>		<b>\$1570.00</b>
<b>BALANCE + RECEIPTS</b>		<b>\$12,350.21</b>
<b>DISBURSEMENTS</b>		<b>\$667.69</b>
ANNUAL MEETING	\$281.72	
AWARDS	\$223.39	
POSTAGE	\$0.00	
HISTORICAL	\$0.00	
EDUCATION	\$0.00	
DONATIONS	\$0.00	
ADVERTISING	\$0.00	
MISC. EXPENSES	\$162.58	
MILEAGE	\$0.00	
INFO TECH	\$0.00	
<b>BALANCE as of June 27, 2014</b>		<b>\$11,682.51</b>

(Misc. Expenses: Conference for Less \$107.55, Flowers \$55.03)



## Media Committee Report

The Media Committee has a new Facebook page at [www.facebook.com/missourimappers](http://www.facebook.com/missourimappers). I encourage you to check it out if you are on Facebook, and give us some LIKES! Post items of interest on that page and keep up with MMA activities there.

Newsletter submissions have dropped off considerably in the past year. I really need your help to make this newsletter worthwhile reading. Please consider signing up to help with (or chair) the Media Committee while at the Annual Meeting. If the Media Committee isn't your cup of tea, sign up for one of the other committees and get involved with MMA!!!

Jason Sweet has created a new LinkedIn page. Visit <http://www.linkedin.com/groups/Missouri-Mappers-Association-6718761/about> or search for Missouri Mappers Association to join!

Melissa Johnson  
Media Committee Chair



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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 [martisuit-er@aol.com](mailto:martisuit-er@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.

I still have not had anyone show any interest in taking the test. I am at a loss as to how to interest members in striving for this designation available only through Missouri Mappers Association. If the Board has any ideas, please let me know.

Respectfully submitted,

Marti Suiter, PMM  
Committee Co-Chair

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## Southwest Chapter Report

The SWMMA Chapter Meeting was held on 5/30 in Branson, MO. Our members attended a GIS presentation by Curtis Copeland, City GIS Coordinator. We learned about the history of the GIS department along with the many different projects they work on during the year. As a bonus and due to popular demand, Curtis also added his Branson tornado presentation for us. We were given a tour of the offices that included a special plotter presentation. Our next meeting will be held in July at the Annual Conference.

Erika Hagg  
SWMMA President

## MMA Conference Schedule

### Tuesday, July 22nd

5:30 P.M. Welcome Reception - Villa 230  
Food and non-alcoholic beverages provided

### Wednesday, July 23rd

7:30 A.M.— 9:00 A.M.  
8:30 A.M.— 11:30 A.M.

Registration Open - Fountain Court  
Workshop - GIS and Mapping A to Z -  
Mediterranean A

8:30 A.M.— 11:30 A.M.

Tim Haithcoat  
Workshop - Introductory Geodatabases -  
Mediterranean B

11:30 A.M.— 1:00 P.M.  
1:00 P.M.— 4:00 P.M.

Steve Marsh  
Lunch on your own  
Workshop - Getting to Know ArcMap...Just the Basics -  
Mediterranean A - Heather Schafer

1:00 P.M.— 4:00 P.M.

Workshop - Advanced Geodatabases -  
Mediterranean B

4:30 P.M.— 6:00 P.M.  
5:30 P.M.

Steve Marsh  
Registration Open - Fountain Court  
Vendor Reception, 80s Dance Party - Palazzo Hall

### Thursday, July 24th

7:30 A.M.— 9:00 A.M.  
7:30 A.M.— 9:00 A.M.  
8:00 A.M.— 9:00 A.M.  
9:00 A.M.— 9:45 A.M.

Registration Open - Fountain Court  
Continental Breakfast - Palazzo Hall  
PMM Breakfast - Catalina Room  
Presidential Welcome - Mediterranean A  
Keynote Speaker: Jan Elliott, MMA Founding Member

9:45 A.M.— 10:45 A.M.

Sovereign Citizens - Mediterranean A  
Sgt. Roger Phillips

10:45 A.M.— 11:00 A.M.  
11:00 A.M.— 11:30 A.M.

Morning Break with Exhibitors - Palazzo Hall  
Arkansas Assessment Mapping - Mediterranean A

11:30 A.M.— 12:30 P.M.

Robert McGee  
Deeds and Chain of Title - Mediterranean A

12:30 P.M.— 1:45 P.M.

Cheryl Cowherd  
Lunch, Chapter Meetings, Prize Drawings -  
Palazzo Hall



## MMA Conference Schedule (cont.)

1:45 P.M.— 2:45 P.M.	Karst Systems, Sinkholes, and Groundwater - Mediterranean A - Timothy Davis
1:45 P.M.— 2:45 P.M.	Discovering the Potential of Online GIS - Mediterranean B Matt Sorensen
2:45 P.M.— 3:00 P.M.	Afternoon Break with Exhibitors - Palazzo Hall
3:00 P.M.— 3:45 P.M.	Missouri Expeditions - Mediterranean A John Deis
3:00 P.M.— 3:45 P.M.	LiDAR 101 - Mediterranean B Tim Donze
3:50 P.M.— 4:35 P.M.	PMM Designation, What is it? - Mediterranean A
3:50 P.M.— 4:35 P.M.	Panel Discussion MO Broadband Now - Structures - A Final Report - Mediterranean B - Mark Duewell
6:00 P.M.	Dinner and Family Feud Game Show - Palazzo Hall
8:00 P.M.	Karaoke in Rafferty's Lounge

## Friday, July 25th

8:00 A.M.— 9:00 A.M.	Breakfast - Mediterranean A
9:00 A.M.— 11:00 A.M.	Annual Business Meeting, Presentation of Awards, Election of Officers



*Country Club Hotel & Spa, Lake Ozark, Missouri*

Missouri Mappers Association 30<sup>th</sup> Annual Conference  
*A Generation of Mapping Missouri*  
 July 22 – 25, 2014  
 Country Club Hotel & Spa, Lake Ozark, MO

NAME: \_\_\_\_\_

TITLE/ORGANIZATION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

GENERAL CONFERENCE REGISTRATION FEE: \$120 \$ \_\_\_\_\_

Includes MMA Annual Dues; registration gift; Tuesday Welcome Reception; Wednesday Vendor Reception; Thursday breakfast, lunch, and dinner; Thursday presentations; Thursday night entertainment; Friday breakfast and Annual Business Meeting.

SHIRT SIZE (for registration gift)    S\_\_\_\_ M\_\_\_\_ L\_\_\_\_ XL\_\_\_\_ 2XL\_\_\_\_

ATTENDING TUESDAY WELCOME RECEPTION (5:30 pm)    Yes\_\_\_\_ No\_\_\_\_  
 (No additional charge, food and non-alcoholic beverages provided)

WORKSHOPS – WEDNESDAY, JULY 23

1. Introductory Geodatabases	8:30am – 11:30am	\$20 _____
2. GIS and Mapping A-Z	8:30am – 11:30am	\$20 _____
3. Advanced Geodatabases	1:00pm – 4:00pm	\$20 _____
4. Getting to Know ArcMap	1:00pm – 4:00pm	\$20 _____

To celebrate our 30<sup>th</sup> Anniversary, we will have an 80's dance party during the vendor reception. There will be a prize for best costume, so break out your 80's attire! On Thursday evening we will have a "Family Feud" game show after dinner. We will be asking for volunteers to play in teams.

If you plan to bring additional guests to any of the conference meals, the cost per additional meal is \$20 per person. Please indicate the number of guests you will be bringing, the meals you expect them to attend, and the associated costs in the space below.

# Additional Guests	Meal(s)	Amount
_____	_____	_____
_____	_____	_____

TOTAL (checks payable to Missouri Mappers Association) \$ \_\_\_\_\_

REGISTRATION DEADLINE: JULY 1, 2014

All fees are non-refundable after July 15, 2014

Mail completed form with payment to:

Lisa Mendpara, Conference Coordinator  
 Missouri Mappers Association  
 2733 Cantrell Rd.  
 Harrisonville, MO 64701

Questions: Contact Lisa at  
[lisac@casscounty.com](mailto:lisac@casscounty.com) or  
 (816) 380-8190

LODGING

Country Club Hotel & Spa  
 301 Carol Rd.  
 Lake Ozark, MO 65049  
 (800) 964-6698  
[www.countryclubhotel.com](http://www.countryclubhotel.com)

Room rates are \$89/night  
 Be sure to ask for the Missouri Mappers Conference rate

## Annual Meeting Workshops

### MORNING - 8:30-11:30

#### **Introductory Geodatabases** - Steve Marsh, GIS Manager, Mid-America Regional Council

This course introduces basic elements of a geodatabase, its structure, the storage options, and the attributes and spatial validation rules. Participants will explore the geodatabase structure and properties in ArcCatalog and ArcMap, as well as techniques to convert existing data into a geodatabase. This course is intended for those familiar with ArcGIS 10, those considering migrating to or just getting started with the Geodatabase data model.

#### **GIS and Mapping A to Z** - Tim Haithcoat, University of Missouri

This hands-on 1/2 day lab will provide exposure to several of the myriad analyses and applications that can be done using GIS. Many people by now are familiar with the concepts of GIS and mapping, but their experience may be limited to a few areas specific to their profession. The intent of this course is to survey the wider range of applications to which GIS can be put. The 'tour' will include both raster-based and vector-based analysis and include watershed modeling, network analysis of roads and streams, siting analysis, spatial interpolation, geocoding, and watershed analysis. Finally, we will briefly demonstrate newer geospatial applications for conflation, human geography analysis, and human movement models being explored at the University of Missouri's Geographic Resources Center.

### AFTERNOON - 1:00-4:00

#### **Advanced Geodatabases** - Steve Marsh, GIS Manager, Mid-America Regional Council

This course will explore the advanced capabilities of the geodatabase data model, highlighting the concepts of spatial and attribute validation. Topics also covered will be relationship classes and options for storing annotation. Participants will get experience creating subtypes and domains and creating and editing a geodatabase's topology. This short course is intended for those with ArcGIS 10 experience and general familiarity with the geodatabase data model.

#### **Getting to Know ArcMap...Just the Basics** - Heather Schafer, Boone County GIS

Making a map with GIS is like playing the piano; somebody else has done the difficult job of making the tools, you just need to know what buttons to push. New ArcMap users will learn basic skills to work with data and create map projects that are sharp and do not fall flat.

Topics that this workshop cover include:

Working with ArcMap documents (opening, saving, etc.)

Main Components of ArcMap (menus, toolbars, table of contents)

Working with Data (basic types, data sources, adding data, attribute tables, layer properties)

ArcMap Tools (zooming, panning, identify, measure, XY locations, bookmarks)

Selecting Features (select feature tool, select by attributes, select by location)

Queries and Expressions (SQL expressions, definition queries)

Symbology (layer symbols, symbol selection, symbology based on attributes)

Map Layouts (layout view, layout toolbars, data frames, layout elements)

## I AM NOT ATTENDING THE CONFERENCE, BUT I WANT TO PAY MY ANNUAL DUES

If you are not attending the Annual Conference, you may still renew your membership using this form.

*If you will be attending the Conference, please disregard this form.*

NAME: \_\_\_\_\_

TITLE/ORGANIZATION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

ANNUAL MMA DUES \$15.00 \_\_\_\_\_

NOTE: Chapter dues are collected by each individual chapter, and should not be included on this form.

***Please make checks payable to Missouri Mappers Association  
Mail Form and Payment To:***

***Lisa Mendpara, Conference Coordinator  
Missouri Mappers Association  
2733 Cantrell Rd. Harrisonville, MO 64701***

## MDSIS Report—Mark Duewell, MSDIS Program Manager

MSDIS Monthly Report to the MGISAC – May, 2014

### 1. GeoPortal:

After rebuilding and updating both servers MSDISWEB-NN (North Node) is back up and fully functional – there is still some minor cartography tweeking that needs to be accomplished on the GeoPortal. MSDISWEB-TC still has a single outstanding issue we believe is embedded in the Load Balancer and DNS services – we feel we are very close to knocking that problem out.

Louisa Haithcoat's configuration of the 2007-2009 2' Imagery for the State for the GeoPortal is making good progress again (congratulate her when you see her – she's recently married and on her honeymoon). It sounds as if she'll be with us through the end of the summer. The count shows 2158 complete of 4973 files. When the metadata manipulation required for GIS Inventory\FGDC is complete they'll all go up at once. Current Portal record count is still 530.

### 2. Broadband "Structures" Project:

Structures Digitizing Progress: We're now in the process of review and analysis of the data points and footprints as more RPCs return their reviewed data. NOTE: We already know from the data trends (with only 3 RPCs Phase II data still due) that the number will lower than previously reported as duplicates and changes have brought the number below the 5 million number the GRC staff have been reporting as created. The difference in reported numbers is due to the removal of user supplied nulls (by us) and a number of duplicate points and footprints (by the RPCs) as part of the review the data sets receive prior to finalizing. However – we are still digitizing in East-West Gateway and we expect that will increase the numbers again to some extent.

3. MSDIS staff attended and presented at the NEMO Regional Geospatial Workshop on May 22<sup>nd</sup>. A large number (7) of the Structures student staff were also able to attend and hear a RPC (Mark Twain COG) explain how they're utilizing the data created by the students in regional projects.

4. MSDIS Staff recently attended the May Tri-Lakes user group meeting in Branson.

Reminder - MOLiDAR – is available. Public comments are always welcome.

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

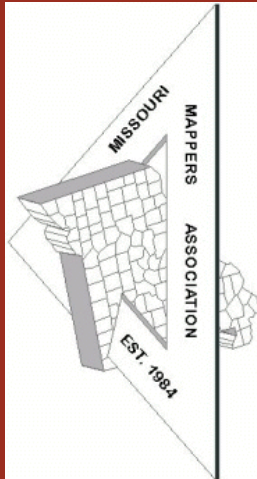
And DEM form:

<http://www.msdis.missouri.edu/data/lidar/download/modem.html>

East – West Gateway 6" imagery is now available as a service here:

[http://moimagery.missouri.edu/arcgis/rest/services/LGov/EWGateway\\_6inch/ImageServer](http://moimagery.missouri.edu/arcgis/rest/services/LGov/EWGateway_6inch/ImageServer)

*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/>.*



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

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<b>Full Page</b>	<b>\$100 per issue</b>	<b>4 issues—\$350</b>

### **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](mailto:mjohnson@colecouny.org)  
Phone: 573-634-8901