

Missouri Mappers Association
30th Annual Conference
A Generation of Mapping Missouri
July 22nd - 25th, 2014

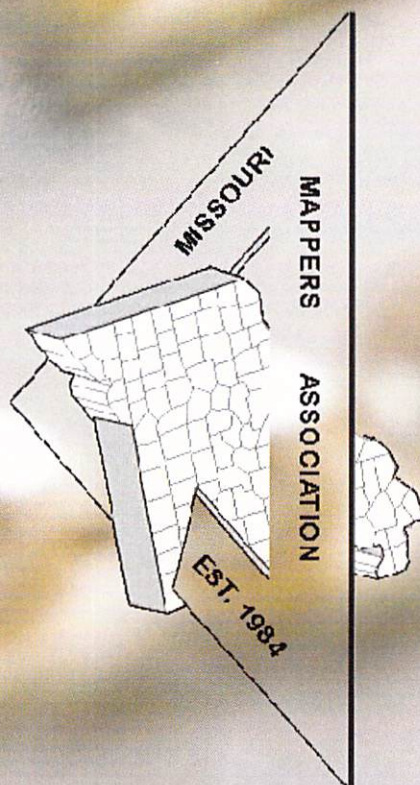
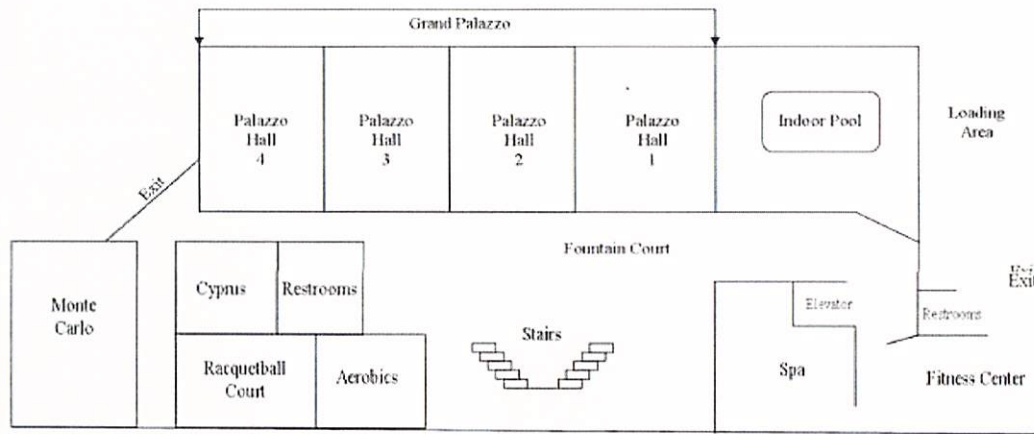


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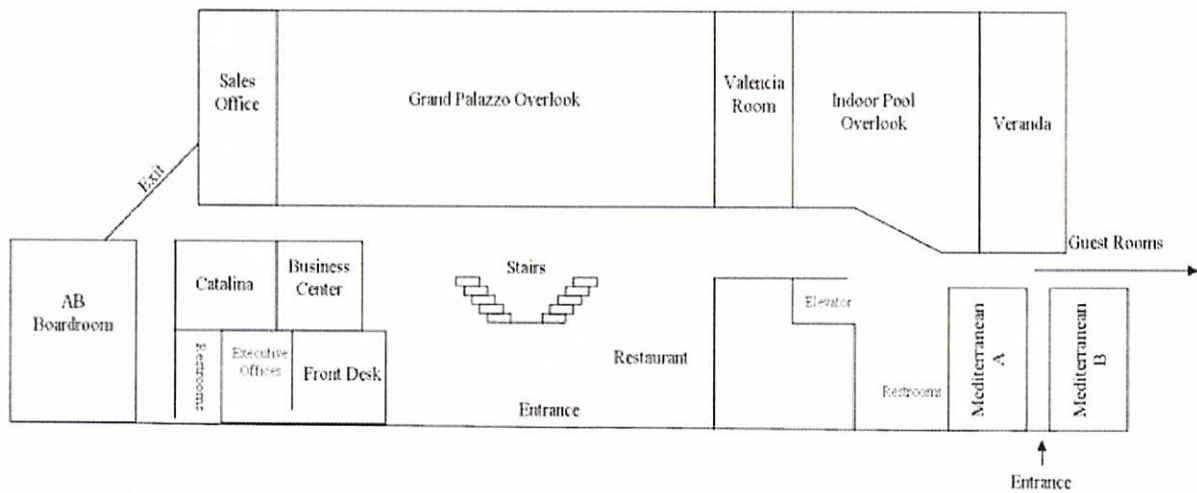
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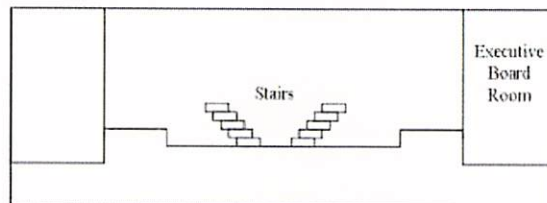
First Floor Main Building



Second Floor Main Building



Third Floor Main Building



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.

Registration Open - Fountain Court

8:30 A.M.— 11:30 A.M.

Workshop - GIS and Mapping A to Z - Mediterranean A
Tim Haithcoat

8:30 A.M.— 11:30 A.M.

✓ Workshop - Introductory Geodatabases - Mediterranean B
Steve Marsh

11:30 A.M.— 1:00 P.M.

Lunch on your own

1:00 P.M.— 4:00 P.M.

✓ 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
Steve Marsh

4:30 P.M.— 6:00 P.M.

Registration Open - Fountain Court

5:30 P.M.

Vendor Reception, 80s Dance Party - Palazzo Hall

Thursday, July 24th

7:30 A.M.— 9:00 A.M.

Registration Open - Fountain Court

7:30 A.M.— 9:00 A.M.

Continental Breakfast - Palazzo Hall

8:00 A.M.— 9:00 A.M.

PMM Breakfast - Catalina Room

9:00 A.M.— 9:45 A.M.

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.

Morning Break with Exhibitors - Palazzo Hall

11:00 A.M.— 11:30 A.M.

Arkansas Assessment Mapping - Mediterranean A
Robert McGee

11:30 A.M.— 12:30 P.M.

Deeds and Chain of Title - Mediterranean A
Cheryl Cowherd

12:30 P.M.— 1:45 P.M.

Lunch, Chapter Meetings, Prize Drawings - Palazzo Hall

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

CONFERENCE SCHEDULE

2:45 P.M.— 3:00 P.M.	Afternoon Break with Exhibitors - Palazzo Hall
3:00 P.M.— 3:45 P.M.	Missouri Expeditions , Heritage Tourism - Mediterranean A John Deis
3:00 P.M.— 3:45 P.M.	LiDAR in Missouri - Mediterranean B Tim Donze
3:50 P.M.— 4:35 P.M.	PMM Designation, What is it? - Mediterranean A Panel Discussion
3:50 P.M.— 4:35 P.M.	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

WEDNESDAY 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 geo-spatial 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)

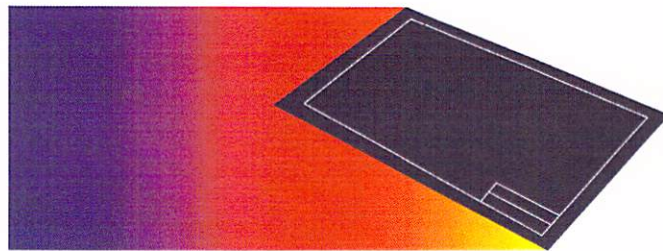
Map Layouts (layout view, layout toolbars, data frames, layout elements)

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THURSDAY PRESENTATIONS

MORNING GENERAL SESSIONS

Keynote Speaker - MMA History (9:00-9:45)

Jan Elliott, Missouri State Tax Commission

Jan is a founding member of the Missouri Mappers Association. She started in the field of mapping in 1983 as the Mapping Coordinator for the Clinton County Assessor's Office, and then as a Mapping Technician for the Missouri State Tax Commission. She is currently the Ratio Study Manager for the Tax Commission. She has been with the Tax Commission since 1983, and currently holds the position of Ration Study Manager.

Sovereign Citizens (9:45-10:45)

Sergeant Roger Phillips, Missouri State Highway Patrol

This presentation explains the sovereign ideology, gives a brief description of some tactics utilized by sovereign citizens and discusses the fictitious liens they put on public servants and citizens.

Arkansas Assessment Mapping (11:00-11:30)

Robert McGee, Division Administrator, Arkansas Assessment Coordination Department

Mapping Arkansas for the Assessor – An overview of the current state of GIS in the Assessor's office in Arkansas.

Solving the newbie mapper problem - The Arkansas Assessment Coordination Department and the Arkansas Geographic Information Office team together to provide education aimed at the beginning mapper in the Assessor's office.

Deeds and Chain of Title (11:30-12:30)

Cheryl Cowherd, Agents National Title Insurance Company

This presentation will identify methods of transferring title to real estate. We will cover warranty deeds, special warranty deeds, non probate transfers, judicial transfers, and other ways to vest title.

AFTERNOON BREAKOUT SESSIONS

Karst Systems, Sinkholes, and Groundwater (1:45-2:45)

Timothy Davis, M.S., CFM , Water Quality Field Operations Manager, Greene County Resource Management Department

This presentation will address sinkholes, their formation and implications for building and development. I will focus specifically on the structural collapse, groundwater pollution potential, flooding risk, and GIS mapping of sinkholes in the Springfield/Greene County area.

Discovering the Potential of Online GIS (1:45-2:45)

Matt Sorensen, Sr. Vice President, Midland GIS Solutions

This presentation will focus on the multiple uses of online GIS for local government. Many counties and cities have been utilizing online GIS for several years. However, we are beginning to see a trend of various county and city departments using online GIS for specific purposes that help them streamline their daily tasks.

THURSDAY PRESENTATIONS

AFTERNOON BREAKOUT SESSIONS - CONTINUED

Heritage Tourism – Using GIS on Smartphones to Drive Economic Development (3:00-3:45)

John Deis, Missouri Expeditions

About 60% of the American public now owns a smartphone, which is the user platform of Missouri Expeditions. As a computer, a smartphone can couple the user's location with GIS and present it in new and intriguing ways. Missouri Expeditions leverages this capability in several ways to provide a vehicle for presenting heritage other information pertinent to economic development by unlocking videos about a specific location's history and culture. A GPS-defined fence is "tripped" when the user passes through it, allowing users to view videos stored in YouTube. A team of Esri developers crafted Android and iOS apps providing the Missouri Expeditions User Interface and User Experience as well as the AGOL application which supports it. A web interface provides the portal for building the sites in AGOL. This application is only possible with GPS/GIS and smartphones. Heritage Tourism can strengthen cities, towns and villages by helping local residents better understand and appreciate the unique character of their own communities, and can generate economic development activity by bringing visitors who will support area businesses. Studies indicate that cultural/heritage tourism travelers actually spend substantially more per day and stay longer than the average recreational traveler does, and our goal is to increase visits by that category of traveler in all areas of Missouri.

LiDAR in Missouri (3:00-3:45)

Tim Donze, Surdex Corporation

Part 1 consists of a brief Aerial LiDAR technology overview covering the basic technologies and equipment used in producing high accuracy digital elevation model (DEM) from LiDAR and the benefits for local government.

Part 2 will be an update on this year's Missouri LiDAR Partner's Project. Topics will include the counties in the project area, project specifications, types of deliverables and availability of the data. We will finish up by discussing the current inventory of LiDAR data in the state, where to get it, what derivative products can be made from the data and what areas are being focused on in the future.

PMM DESIGNATION, WHAT IS IT? (3:50-4:35)

Panel Discussion

This session will review what a Professional Missouri Mapper is and the requirements for taking the examination. It will also discuss how the test is administered. A briefing of "things to know" or "study before the test" will help prepare anyone who might be interested in taking this exam and hopefully put to rest any fears or concerns that may be holding them back. There will be an open Q & A at the end of the session to answer questions about the test, problem deeds or situations that attendees may have encountered.

MO Broadband Now - Structures – A Final Report (3:50-4:35)

Mark Duewell, Program Manager, MSDIS

This presentation will show the data to be made available at no cost via MSDIS and many regional offices. Collection and review methodologies will be discussed. In addition the results of the Survey of Community Anchor Institutions (Phase I of the project) will be provided.

EXHIBITORS

Midland GIS Solutions

Representatives: Katie Shepherd and Matt Sorensen
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Midland GIS Solutions is Professional GIS firm, providing comprehensive GIS and GPS mapping services, data development, implementation, consulting and innovative web-based and mobile GIS services to Missouri Counties. With over 40 years of mapping experience, Midland GIS Solutions is the most qualified and diverse GIS development Company in the Midwest.

Surdex Corporation

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Surdex is a leading provider of geospatial data services to a diverse client base. We are committed to accurate services that are of the highest quality. We have served clients since 1954.

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Springfield Blue Print is a full-service, family owned Reprographics Company. Our tradition of quality products and service dates back to 1930. Our operations are staffed by experienced professionals utilizing the latest technology and equipment. The equipment we utilize is the same state-of-the-art equipment that we sell and service. Because we have our own service department, our equipment is always up and running at optimal quality and performance.

The Schneider Corporation

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The Schneider Corporation provides creative solutions for land, infrastructure, and facilities projects that help increase revenue, lower costs, and mitigate risk. Schneider is a leader in providing geographic information systems (GIS) solutions to hundreds of municipal, county, state, federal, and private entities. A technology leader, Schneider provides innovative industry leading solutions such as Beacon™ (local government information for the web), Permitting™ (cloud-based permitting and workflow management), and Geogear™ (desktop GIS suite for local governments). In addition to publishing a large portfolio of client focused applications and solutions, Schneider also develops and maintains a wide range of internal products designed to create efficiencies utilized by our project teams and greatly valued by our clients.

2013 AWARD WINNERS

Congratulations to each of our Award Winners in 2013 for their outstanding contribution to MMA!

Mapper of the Year

Alice Lee

Boss of the Year

Tom Ruhl

Fireball Award

Ken Olive

Annual Meeting Award

Lisa Perry

President Award

Lisa Mendpara

Special Recognition

Sandy Snelling

2013 - 2014 MMA OFFICERS

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2013 - 2014 COMMITTEES

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Lisa Mendpara - Chair

Erika Hagg

Lisa Perry

Mark Duewell

Belinka Novotny-Held

Brenda Dryer

Alice Lee

Tonja Friend

Sue Ann Stokes

Stan Balsman

Laura Pope

Carla Palmer

AWARDS

Marti Suiter - Chair

Alice Lee

Tonja Friend

Barbara Kaszuba

CERTIFICATION

Marti Suiter - Chair

Tim Houtchens

Stan Balsman

Stephanie Hyder-Stevens

Belinka Novotny-Held

Laura Cole

Barbara Kaszuba

EDUCATION

Katie Shepherd - Chair

Mark Duewell

Ken Olive

HISTORICAL

Sue Ann Stokes - Chair

Patsy Alexander

INFORMATION TECHNOLOGY

Jason Sweet - Chair

LEGISLATION

Laura Pope - Chair

MEMBERSHIP

Erika Hagg - Chair

Stephanie Hyder-Stevens

Brenda Dryer

Londa Kreienkamp

Sarah Anderson

PUBLICATION

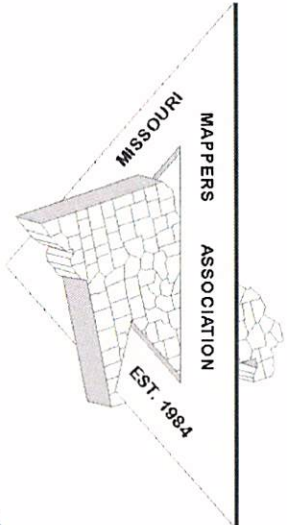
Melissa Johnson - Chair





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Chapter Map



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|---|----------------------|---|-------------------------------------|
|  | East Central Chapter |  | Southeast Chapter (Not Established) |
|  | Northeast Chapter |  | Southwest Chapter |
|  | Northwest Chapter |  | West Central Chapter |

MISSOURI MAPPERS ASSOCIATION

1984 - 2014

CELEBRATING 30 YEARS

