

KAM: Exercising the 4 C's

October 15-18, 2013



Kansas Association of Mappers

Annual Conference 2013

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Lawrence, KS 66044

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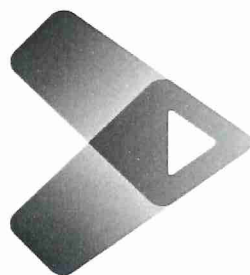
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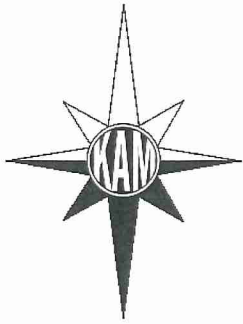
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Welcome to the 2013 KAM Annual Conference

On behalf of the KAM President, Board and Programming Committee, we welcome you to the Annual Kansas Association of Mappers (KAM) Conference, Oct. 15 -18, 2013, in beautiful Lawrence, KS, at the Oread Hotel.

The annual KAM conference provides a valuable opportunity for GIS and Mapping professionals to learn, share and take away relevant information. I am confident this 2013 conference will help you better your skills. The conference theme, "EXERCISING the 4 C's", speaks to all of us of issues and challenges we are facing across Kansas. Coordination, Collaboration, Cooperation and Communication is critical this day and age where we are all asked to perform more with less. During this conference, you will have the opportunity to participate in sessions that will allow the opportunity to institute these words at your workplace.

All of us have been entrusted and asked to increase our responsibility for providing the best state, county or city data and services for our jurisdiction. This year's conference will provide a forum to enhance our ability to provide these services with keeping in mind the 4 C's. Also, based on the pre-conference survey, the planning committee has concentrated on technical presentations, open discussion forums and sharing of thoughts and ideas. We have provided presentations that both provide ideas and other ways to help you with your daily job duties or search for that 'authoritative' knowledge base. We have provided many excellent things for you to take home, including a great opportunity on the final day. There will be a short session of hot topics called '5 important things to take away.' I encourage you to attend. It will be a brief look at important topics we have discussed throughout the conference.

In addition to the above information, you will receive a lanyard that includes a USB drive. Please use these tools and the computers provided at the conference to share diagrams, workflows, and data with other KAM attendees. Start putting into practice the 4 C's by talking, sharing and leading a more productive workplace.

Finally, I would like to give a HUGE thanks to the hard-working Program Committee for all their efforts and accepting of my chaotic e-mails. This year's committee was a great team, which was comprised of Ed Crane, Jessica Frye, Bryce Hirschman, Cara Mays and Micah Seybold. Thanks to Jamie Schieber, Custom Meeting Planners, for keeping us on track and wrapping up small stuff. Please thank these individuals when you see them. They did a FANTASTIC job.

I would like to also thank all the presenters for taking time out of their busy schedules to share something important with us. In particular, I would like to give a big thank you to Joe Reardon, who gave up his valuable time to provide us with an informative keynote.

Welcome and hope you all enjoy the next few days!

Thanks

Nick Callaghan – Program Chair

Conference Schedule Summary

Tuesday, October 15, 2013

1:00 pm – 5:00 pm	Pre-Conference Sessions	Griffith Room, Hancock Room, Gathering Room I, Gathering Room II and Media Room
3:00 pm – 3:30 pm	Afternoon Break	Lower Lobby

Wednesday, October 16, 2013

8:00 am	Registration	Hancock Library/All Season's Den
8:00 am – 10:15 am	Continental Breakfast	Hancock Room
10:15 am – 11:45 am	Opening / Keynote Speaker	Hancock Room
11:45 am – 12:00 pm	Break	
12:00 pm – 1:00 pm	Luncheon	Hancock Room
12:00 pm – 3:00 pm	Map Gallery Set-Up	Griffith Room
1:00 pm – 1:45 pm	KAM Business Meeting	Media Room
1:45 pm – 2:00 pm	Break	
2:00 pm – 3:00 pm	General Session	Hancock Room
3:00 pm – 9:00 pm	Exhibits and Map Gallery Open	Griffith Room
3:00 pm – 3:30 pm	Afternoon Break with Exhibitors	Griffith Room
3:30 pm – 4:30 pm	Concurrent Session I	Hancock Room, Gathering Room I, Gathering Room II, and Media Room
5:00 pm – 6:00 pm	New Member/First Time Attendee Reception	Suite #317
6:00 pm – 9:00pm	Exhibitor Reception	Griffith Room
9:00 pm	KAM Reception	9th Floor Terrace
9:00 pm – 12:00 am	Hospitality	Suite #221

Thursday, October 17, 2013

8:00 am	Registration	Hancock Library/All Season's Den
8:00 am – 9:00 am	Continental Breakfast	Griffith Room
8:00 am – 5:00 pm	Exhibits and Map Gallery Open	Griffith Room
9:00 am – 9:30 am	Concurrent Session II	Gathering Room I, Gathering Room II, and Media Room
9:30 am – 9:40 am	Break	
9:40 am – 10:10 am	Concurrent Session III	Gathering Room I, Gathering Room II, and Media Room
10:10 am – 10:40 am	Morning Break with Exhibitors	Griffith Room
10:40 am – 11:20 am	Concurrent Session IV	Gathering Room I, Gathering Room II, and Media Room
11:20 am – 1:00 pm	Attendees on Own for Lunch	
1:00 pm – 1:45 pm	Concurrent Session V	Gathering Room I, Gathering Room II, and Media Room
1:45 pm – 2:00 pm	Break	
2:00 pm – 3:00 pm	Concurrent Session VI	Gathering Room I, Gathering Room II, and Media Room
3:00 pm – 3:30 pm	Afternoon Break with Exhibitors	Griffith Room
3:30 pm – 4:00 pm	Concurrent Session VII	Gathering Room I, Gathering Room II, and Media Room
4:00 pm – 4:15 pm	Break	
4:15 pm – 4:45 pm	Concurrent Session VIII	Gathering Room I, Gathering Room II, and Media Room
6:00 pm – 10:00 pm	Shuttle transportation downtown begins	Hotel Front Lobby
8:00 pm – 10:00 pm	Off-Site Social – Carnegie Building	
8:00 pm – 10:00 pm	Movie Night - Double Feature	Media Room
10:00 pm – 12:00 am	Hospitality	Suite #221

Friday, October 18, 2013

8:30 am	Registration	Hancock Library / All Season's Den
8:30 am – 9:30 am	Breakfast Buffet	Hancock Room
9:30 am – 10:30 am	Team Building	Hancock Room
10:30 am – 11:00 am	Break/Hotel Check Out	
11:00 am – 12:00 pm	Conference Wrap-Up	Hancock Room
12:00 pm	Conference Adjourns	

2013 Keynote Speaker: Joe Reardon



Recently concluding his tenure as Mayor/CEO, Joe Reardon has lead Kansas City, Kansas and Wyandotte County on a continued economic renaissance.

His economic development work ranged from local redevelopment to some of the most impactful projects in the county. Joe's project list includes the construction and opening of the first new grocery store in the city in

30 years, the Sporting Park Soccer Stadium / Cerner office project, named one of the top 10 economic development deals in North America in 2010 by Site Selection Magazine, and the Village West Luxury Apartments Complex.

Joe negotiated the first Google Fiber development agreement in the country: making Kansas City, Kansas the first city to obtain Google Fiber's ultra-high speed FTTH network. The City successfully competed against over 1,100 municipalities that had submitted proposals to Google for the project.

Now employed at MVP (McAnany, Van Cleave & Phillips), Joe uses his economic development experience to help clients with complex development and real estate transactions. He provides insight and guidance in economic development incentives, land use and regulations. He understands the speed at which businesses need to move and assists clients in quickly satisfying bureaucratic requirements.

As an advocate for fiber infrastructure, Joe is able to assist clients with developing FTTH strategies and development agreements. He has made numerous presentations

on the importance of fiber infrastructure to economic development. His unique balance of understanding public policy in cities with the contractual needs of both the public and private entities can help clients find success.

Joe continues to be actively involved in encouraging communities, individuals, and businesses to focus on improving overall community health condition. As Mayor/CEO, he was a leader in using the social determinates of health to develop community strategies and collaborations to improve health conditions. He founded Healthy Communities Wyandotte, a long term plan to positively affect the health condition of the citizens of Wyandotte County. Joe can help clients understand and develop plans to address health conditions in cities and counties. His experience in taking planning to action and attracting nonprofit financial and logistical support can assist clients that want to move from study to actual program development.

As he practices law at MVP, Joe remains committed to community involvement. Since leaving office in April, he has been appointed to several public and private boards, including the Kansas Secretary of Commerce's Start-Up Village Resource Committee, the University of Kansas Medical Center Advancement Board, the KCI Airport Study Panel, and the board of a local bank and community housing organization.

Joe began his legal career at MVP, prior to entering into elected office. He was also employed by Thomson-Reuters. Joe served as Unified Government Commissioner for the second district before being elected Mayor in 2005. He concluded his tenure as Mayor in April of 2013 after serving 2 terms.

Married to his wife Amy, they have two sons, Jack and Connor. He is a lifelong resident of Kansas City, Kansas.

Map Gallery

The Map Gallery competition will return again this year. The entries will be presented as a digital slideshow and as poster displays. Beginning at 3:00 pm on Wednesday, the gallery will be open for viewing in the Exhibit Hall and you will be able to turn in your ballots at the registration table; voting will end Thursday at 4:00 pm. Prizes will be presented to Best Overall, Best Digital Map, Best Poster Map, and People's Choice during the closing session on Friday morning.

Exhibit Hall

Wednesday, October 16, 2013

3:00 pm – 3:30 pm	Exhibits Open — Refreshment Break
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6:00 pm – 9:00 pm	Exhibitor Reception — Pasta Buffet
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Thursday, October 17, 2013

8:00 am – 9:00 am	Continental Breakfast with Exhibitors
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10:10 am – 10:40 am	Morning Refreshment Break
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3:00 pm – 3:30 pm	Afternoon Refreshment Break
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Networking Events

Exhibitor Reception

The KAM exhibitors will once again host the Exhibitor Reception. The festivities will begin at 6:00 pm on Wednesday evening. There will be food and beverages available during the evening. This is the best chance for you to meet exhibitors and talk with them about the newest technologies, previous projects and future projects you may be planning. We have added Vendor Bingo, so come and grab your card and play for a chance to win. Door prizes will be given away all evening! Plan to attend!

KAM Reception

Immediately following the Exhibitor Reception on Wednesday evening head up to the 9th Floor Terrace (take the Private Floor elevator) for a wonderful view of the University of Kansas Campus as well as many other sites of Lawrence. Let the festivities continue!

KAM Social

Join us on Thursday evening for the KAM Social. This event will give you the opportunity to relax and catch up with your colleagues, as well as seeing the sites of Lawrence. The social will be held at the Carnegie Building and transportation will be provided. The KAM Social will be held from 8:00 pm – 10:00 pm, but you are welcome to catch the shuttle in the hotel lobby starting at 6:00 pm to head downtown for dinner. The shuttle will run continuously until 10:00 pm. There will be a band and beverages provided. It is sure to be a fun evening!

Hospitality

Join your peers in the Hospitality Room (Suite #221) for after-hours professional interaction. The hospitality room will begin Wednesday evening at 9:00 pm, following the Exhibitor Reception and Thursday night after the KAM Social.

Exhibitors

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Alexander Open Systems (AOS) ✓

Data Access & Support Center (DASC)

Esri

GISEGE, Inc ✓

GIS Workshop, Inc.

Kansas One-Call ✓

Pictometry ✓ ~~data~~

Pinnacle Plotting & Supply ✓ *no name*

Salina Blue ✓

Stantec Consulting Services ✓ ~~data~~

Surdex Corporation ✓

The Sidwell Company ✓

Thomson Reuters

Conference Schedule

Tuesday, October 15, 2013

1:00 pm – 5:00 pm

Pre-Conference Sessions

Pre-Conference Session I

AutoCAD Map 3D and ArcGIS: Similarities, Differences, Conversion

Gail Ogle- GIS Coordinator/Deputy Zoning Administrator/911 Address Coordinator

Russell County, Kansas

Griffith Room

Ever gotten an AutoCAD Map drawing file and didn't know what to do with it? Did you know that AutoCAD Map drawings can have attribute data attached to them? And what about all those ESRI terms – what do they mean, anyway? ArcGIS and AutoCAD Map have both come a long way since the early days when they weren't compatible. Come to this class to see how they can work together. We will compare the similarities and differences of each suite of software, as well as the terminology each uses. Also learn how to convert AutoCAD Map data to shapefile – from within ArcGIS or from AutoCAD Map 3D.

Pre-Conference Session II

CRS and GIS II: Finding What You Need and Making It Work

Sherry Massey, GISP- GIS Coordinator, Dickinson County, KS

Hancock Room

Intentions: A review of what's in CRS and how it's organized. Using the online Query Tool, we'll pull data from CRS and then bring it into ArcGIS Desktop for making maps and performing analysis. This workshop is a continuation of Sherry's CRS and GIS workshop offered by KAM August 1.

Pre-Conference Session III

Reading Legal Descriptions

Melissa Crane, RMA, PKM- Appraiser II, GIS & Cadastral Specialist, Kansas Department of Revenue - Property Valuation Division

Gathering Room I

This workshop is an introductory lesson on how to read, interpret and plot legal descriptions. It will cover Metes and Bounds and Rectangular Survey (section, township, range) descriptions. There will be instruction on the use of engineers scale and the land measure compass. Students should bring a 3 sided engineer scale, pencils, triangles and land measure compass.

Pre-Conference Session IV

ArcGIS ModelBuilder

Ken Wilkerson– Owner, GISEDGE, Inc.

Gathering Room II

Students will be introduced to the Geoprocessing environment in ArcGIS. Participants learn how to create, share, and modify models for analysis. Additionally, the command line interface to the software and python scripting is introduced.

Goals include:

- Geoprocessing Environment
- Creating a model
- Modifying a model
- Distributing a model
- Command line interface and Python scripting

Topics covered include:

- Setting the Geoprocessing environment
- Managing models in ArcGIS
- Command line interface to ArcGIS and Python scripting introduction

Pre-Conference Session V

ArcGIS Online- An Organizational Approach

Tim Hensley- Esri, St. Charles, MO

Media Room

ArcGIS Online is a platform for creating and sharing GIS maps, apps, and data. It can provide access to critical and authoritative information throughout your organization. This session explores how an ArcGIS Online Subscription can be used to build and share maps with others, and how you can incorporate ArcGIS Online into your organization's GIS workflows. The workshop will cover:

- Overview of ArcGIS Online
- Organizing useful content
- Configuring your ArcGIS Online organization
- Working with groups
- Creating useful information products
- Inviting users to our organization
- Connecting with enterprise systems

3:00 pm – 3:30 pm

Afternoon Break

Lower Lobby

Wednesday, October 16, 2013

8:00 am	Registration	Hancock Library / All Season's Den
8:00 am – 10:15 am	Continental Breakfast	Hancock Room
10:15 am – 11:45 am	Opening General Session <i>Keynote Address – Joseph F. Reardon</i>	Hancock Room
11:45 am – 12:00 pm	Break	
12:00 pm – 1:00 pm	Luncheon	Hancock Room
1:00 pm – 1:45 pm	KAM Business Meeting	Media Room
1:45 pm – 2:00 pm	Break	
2:00 pm – 3:00 pm	General Session	Hancock Room

The Kansas GIS Initiative – 26 Years After

Ivan Weichert, State of Kansas

Ivan Weichert, State Geographic Information Officer, will take us through the history of GIS in Kansas from the first GIS meeting in Kansas in 1987 to today. What has changed in the past quarter century? What has not? What can we all do to meet the goals put forth in the Kansas OneMap Legislation passed May 2012? How will we prepare for the bright lights on GIS with the national initiatives for Next Generation 911, First Net, MAP21, Broadband Mapping and continued Address Data improvement.

3:00 pm – 9:00 pm	Exhibits and Map Gallery Opening	Griffith Room
3:00 pm – 3:30 pm	Afternoon Break with Exhibitors	Griffith Room
3:30 pm – 4:30 pm	Concurrent Session I	

Q & A County Connection – Open Forum Discussion

Moderator: Nick Callaghan, Shawnee County

Hancock Room

Open discussions of Best Practices, Data Sharing, Software / hardware, Problems/solutions

Parcel Fabric History of Jackson County, Missouri

Amber Reynolds, Jackson County, MO

Gathering Room I

Jackson County, MO has recently completed a migration from Novalis parcel management to the Esri Parcel Fabric and Workflow Manager solutions through a consulting contract with Timmons Group. Novalis has been a retired software solution for several years, which meant the County was handicapped with the current architecture including being stuck on Windows XP and ArcGIS 9.3. This was only the 3rd major migration undertaken by the GIS Department, and it was a daunting task. This presentation will cover the history of the County's parcel management system, why a migration was necessary, the technical aspects of the migration, lessons learned and the road ahead.

GIS Collaboration for Improving One Call Services in Kansas

Pete Koenig, Kansas Underground Utility Notification Center

Gathering Room II

Kansas State Legislation requires all underground utilities to be members of the Notification Center or KUUNC. Water, wastewater and other utilities have been collecting GPS data since 2000 through private mapping contractors, non-profit service providers and on their own. The data can be, and is oftentimes sent to Kansas One Call to include in the database of utility location or "notification boundaries". The contractor in the call center, One Call Concepts, develops and utilizes technology to make locating infrastructure as efficient as possible. Acquiring data, such as address, road centerlines, high res aeriels, parcels etc. would allow the call center staff to more efficiently generate accurate locate requests for utilities in KS. Speakers will discuss the current system, answer questions from the audience and inquire about suggestions from Kansas GIS Professionals to make the system as efficient as possible.

GeoAcquisition Program (30 minutes)

Kenny Legleiter, Sanborn

Media Room

Accurate and current geospatial data is vital for business activities of state and local governments. Mr. Legleiter will discuss the necessity, requirements, and management of some of the key base layers that are critical for most geospatial activities. These include aerial imagery, LiDAR, oblique imagery, road centerlines, parcels and addresses to name a few. Some of these base layers will be discussed in this presentation and various models for acquiring these data that create efficiencies and lower costs for everyone. Mr. Legleiter will explain how local and statewide data programs can be structured and be more suitable for maintaining these base layers versus ad hoc acquisition projects at the local level.

Making Sense of Sensors (30 minutes)

Randy Mayden – Surdex Corporation / Vice President, Business Development

Media Room

Technology continues to march forward allowing geospatial providers the opportunity to deliver higher quality data more efficiently than ever before. In the early 2000's, workable digital image sensors and LiDAR technology changed our approach and our expectations for geospatial data. In recent years these technologies have seen ground breaking advancements expanding our capabilities and yet again changing our expectations as data providers and users.

This presentation will review briefly previous analog technology, the introduction of digital sensor technology and the latest advancements in both digital image and LiDAR sensor capabilities.

5:00 pm – 6:00 pm	New Member/First Time Attendee Reception	Suite #317
5:00 pm – 6:00 pm	Past President's Reception	Suite #317
6:00 pm – 9:00pm	Exhibitor Reception	Griffith Room
9:00 pm	Hospitality Beverages and cash bar provided	9th Floor Terrace
9:00 pm – 12:00 am	Hospitality	Suite #221

Thursday, October 17, 2013

8:00 am	Registration	Hancock Library/All Season's Den
8:00 am – 9:00 am	Continental Breakfast	Griffith Room
8:00 am – 5:00 pm	Exhibits and Map Gallery Open	Griffith Room
9:00 am – 9:30 am	Concurrent Session II	

Open Records and What It Means to You

Lisa Mendoza, Office of Attorney General

Gathering Room I

The stakes are high for public officials who handle open records requests. There are strict response times, multiple exceptions to disclosure, and monetary penalties for violations. This session will provide “nuts and bolts” information on how to steer through statutory requirements to meet the demands of making records open and accessible to the public.

The Shawnee County Natural Resource Inventory and Assessment in the Planning Process

Heidi Mehl, Kansas State University Department of Geography

Gathering Room II

The Natural Resource Inventory and Assessment (NRIA) was created to provide Shawnee County (northeast Kansas) with a GIS-based resource to better inform planning and development strategies for protection of local natural resources. It has become widely recognized that many development strategies of the past have depleted our natural resources, decreased biodiversity, and exacerbated natural disasters such as floods. Planning departments are poised in especially influential positions to begin implementing changes toward sustainable urban development and preservation of natural resources. The NRIA uses GIS datasets to provide a foundation for open spaces planning, short-term development planning, as well as to create a comprehensive long-term plan for development. Integration of the NRIA into the planning process will allow identification of environmental constraints and mitigation opportunities. This is especially important on the fringes of expanding urban areas, such as the City of Topeka. This presentation will summarize the purpose of the NRIA and its place in the planning process, and present several “demonstration areas” to describe how the GIS datasets may be used to identify opportunities and constraints in the planning process.

Kansas Statewide Geocoding

Kristen Jordan, DASC

Media Room

As a step towards supporting statewide, authoritative data, DASC began compiling local address points to publish a Kansas Statewide Geocoding Service. Although the project is still in the beginning stages, this session will cover how DASC is compiling multiple unique address data schemas, how the geocoding service is leveraged, and ways this project can integrate with NG-911 in the future.

9:30 am – 9:40 am

Break

#2
X
Jean
9:40 am – 10:10 am

Concurrent Session III

City Link: Sharing Centerline and City Boundaries

Kyle Gonterwitz, Kansas Department of Transportation

Gathering Room I

Overview of GIS projects at KDOT – some KDOT GIS background, handling of issues concerning city connecting link highways, ground to grid adjustment (geographic coordinate system/surveyed to projected), One-Map efforts at the state especially pertaining to city boundaries in resolutions and GIS, LiDAR, Data models, GIS for Transportation and Multidimensional linear referencing.

#2
X
Jean
Role of GIS in Floodplain Management

Dane Bailey and Erika Stanley, Kansas Division of Water Resources

Gathering Room II

The role of the GIS department and GIS Analyst in floodplain management has grown dramatically and will continue to gain importance into the future. As flood hazard information transitions from paper maps to digital formats communities and property owners will benefit from advances in the scope and precision of available data. Through assistance to a community's floodplain administration and emergency management GIS departments have the opportunity to prove invaluable yet again and may protect lives and property in the process.

#2
X
Jean
U.S. Geological Survey (USGS) Data Update

Ingrid Landgraf, USGS Ivan + Ken Lidar

Media Room

This presentation will provide an update on what's new at USGS including the second round of US Topos, digital historic topographic maps, and The National Map Viewer for data visualization and download of USGS's digital data products. Find out the status of LIDAR projects in Kansas. Review the USGS Water Watch and stream flow condition websites for flood monitoring.

10:10 am – 10:40 am

Morning Break with Exhibitors

Griffith Room

10:40 am – 11:20 am

Concurrent Session IV

#2
X
Jean
Assessing and Understanding Groundwater Well Data from the Kansas Geological Survey

Brownie Wilson, Kansas Geological Survey

Gathering Room I

The Kansas Geological Survey's website is host to several groundwater well databases, which provide data inventories ranging from private domestic well development, to annual water usage and authorized quantities of large capacity wells, to repositories of historic depth-to-water measurements. This presentation will provide an introduction to the type of information provided in each database, how to use them, and more importantly, how to tie them all together.

#2
X
Jean
Real Time GIS with Esri Software Solutions

Tim Hensley, Esri

Gathering Room II

Esri has a whole suite of software solutions for working with data in the field. These various products work in concert to provide real time updates to a dashboard that monitors operations in the field. Such updates include data collection, vehicle tracking and operational awareness. Topics in this session will include the following.

- Data Collection with the Collector
- Monitoring Events with the Operations Dashboard
- Real Time Updates with the GeoEvent Processor
- ArcGIS for Windows Mobile

~~#2~~ Jane
Statewide Ortho Imagery Project – Q & A

Ivan Weichert, State of Kansas

Media Room

Ivan Weichert will conduct an interactive session to present ideas and requirements for initiating a statewide ortho-imagery project for Kansas. New sensors and technology are changing the way these products can be acquired and distributed. Let's talk...

11:20 am – 1:00 pm

Attendees on Own for Lunch

~~#3~~ Judy
1:00 pm – 1:45 pm

Concurrent Session V

***County GIS Methods and Python Scripts**

Terrol Palmer and Bryce Hirschman, Douglas County

Gathering Room I

As GIS practitioners we are constantly asking the question “what are the best GIS practices for our organization?” The best practices that we use directly relate to how well we create, store, maintain, analyze and present GIS data. If a best practice is solid and works well for the organization's needs, then it usually finds its way into a daily or project workflow. With the aid of python and well established best practices, Douglas County GIS has developed automated scripts that assist in our workflow processes. In this presentation we will look at data creation, reference sources used in that creation and some advanced editing methods. We will also break down data storage techniques and the reasons for the different levels of data aggregation. Finally, we will explore a python script that creates an agricultural use type map using data driven pages and table cloning.

~~#3~~ Jean
ArcGIS Online Collector Map

Micah Seybold and Clint Miller, City of Lawrence

Gathering Room II

Now that ESRI has made ArcGIS Online available to users with ArcGIS Desktop licenses in v10.2, deploying field collection projects and sharing web maps just got easier. Learn the requirements, setup and steps to create and implement an ArcGIS Online collector map project using a smart phone or tablet devices.

~~#2~~ Jane
Addressing Solutions

Monica Hernandez, U.S. Post Office

Media Room

- Postal Addressing Standards
- County Project-free service
- Procedures for 911 Conversions

1:45 pm – 2:00 pm

Break

~~#3~~ Judy
2:00 pm – 3:00 pm

Concurrent Session VI

GIS and Regional Hazard Mitigation Planning (30 minutes)

Ben Grover, Kansas Division of Emergency Management GIS

Gathering Room I

~~#3~~ Judy
GIS as Part of the Planning Efforts (30 minutes)

Susan Belt, MT, (ASCP), CFM - AMEC Environment and Infrastructure, Inc.

Gathering Room I

Hazard Mitigation is any action carried out post or pre disaster that can help reduce or eliminate the risk of loss to human life and/or property from the effects of disasters. Mitigation Plans are a useful tool for state, regional, local, tribal, and private organizations to have on hand that can help with qualification for Federal Funding for future mitigation and disaster recovery. Maps are a very important part of these plans. Locations of various facilities, infrastructure, and utilities in relation to disaster prone areas are all important to take note of when it comes to rebuilding to avoid future losses. Learn about the data available for these maps, the sources, and the work that goes into creating them for all the Kansas regions and their counties.

#3 Judy Introduction to NG9-1-1 Technology

Stacey Gross, GeoComm

Gathering Room II

The presentation will provide an overview of current 911 technology along with the technological advantages of Next Generation 9-1-1 and how GIS will play a critical role in the future routing of 9-1-1 calls.

#4 Jane ORION Tips and Tricks, CRS and Access

Heidi Devore, Kansas Department of Revenue - PVD and Raelane Schnacker, Kansas Department of Revenue - PVD

Media Room

Even experienced users can learn something in this session where Orion staff shares tips & tricks, shortcuts, demonstrates functionality, and answers questions. Topics will be selected with mapping/GIS users in mind.

3:00 pm - 3:30 pm

Refreshment Break with Exhibitors

Griffith Room

3:30 pm - 4:00 pm

Concurrent Session VII

#3 Judy Value of Oblique Imagery in GIS

Christian Stitz, Pictometry

Gathering Room I

Come see and learn how geo-referenced oblique aerial imagery is changing how GIS professionals distribute data in ways never before imagined!

With geo-referenced, high resolution oblique aerial imagery, combined with powerful integration options ranging from ESRI, E911 Mapping, CAMA and even AutoCAD, GIS data is distributed and presented within a visual information system more familiar to non-technical users.

Police, Fire, E911, Emergency Management, Assessment, and Planning departments, geo-referenced oblique imagery allows users to view, measure, and analyze any building, house, intersection, fire hydrant, lake, or other feature in their jurisdiction, in addition to GIS data. By sharing this vital information with other agencies, GIS departments become an even more vital resource, particularly for public safety, property assessment, and planning organizations.

#3 Judy Local GIS Impacts from NG9-1-1

Jessica Frye, Alexander Open Systems

Gathering Room II

You have heard a lot about NG9-1-1 and it coming but what can you do now to prepare for the mission critical position of GIS in this environment? GIS will become a vital component for these systems in which accuracy, maintenance, standardization, policy and governance are a must. This session will cover all of these topics from a GIS perspective. Attendees will walk away with documentation that will assist in the preparedness of the 9-1-1 GIS data.

#3 Jean Unusual Issues and Cadastral Conundrums

Melissa Crane, Kansas Department of Revenue - PVD

Media Room

Deeds and other documents that transfer property ownership are not always run of the mill. This presentation will discuss instruments and situations that arise that can be unfamiliar to the very experienced cadastral mapper. Feel free to bring up your own atypical experiences.

4:00 pm - 4:15 pm

Break

4:15 pm - 4:45 pm

Concurrent Session VIII

Tax Unit Update and Submission (15 minutes)

Brent Miller, DASC

Gathering Room I

This session will cover the annual tax unit certification process with KDOR and DASC. From paper to GIS, find out how the Statewide Tax Unit data layer is compiled and released for public download.

Image Services – What Are They and How Do you Use Them? (15 minutes)

Eileen Battles, DASC

Gathering Room I

Come discover the difference between a dynamic and tiled cached image service. We will discuss how to access DASC image services using ESRI desktop software and web based solutions such as ORKA and ORION.

The Creation and Usefulness of Data Driven Pages in ArcGIS

Ben Grover - Kansas Division of Emergency Management GIS

Gathering Room II

Observe a step-by- step how-to session addressing the Data Driven Pages functionality within ArcGIS. Rather than print lots of map pages? See how Adobe Acrobat can digitally enhance a multi-page map book created with data driven pages.

Ag Use and Soils Valuation Update

Zoe Gehr, Kansas Department of Revenue - PVD

Media Room

Procedures and methodology used to implement use value will be discussed in detail. Topics covered will include data needed for the valuation of all land classes and how this information is processed into value. Proper identification of agricultural land will also be addressed. Irrigation practices and specific procedures and methodology to implement that information will also be discussed.

Dinner on Your Own

6:00 pm - 10:30 pm

Shuttles to Downtown

Hotel Front Lobby

8:00 pm - 10:00 pm

KAM Social - Carnegie Building (shuttle transportation provided)

8:00 pm - 10:00 pm

Movie - Double Feature
Ironman 3 and *Now You See Me*

Media Room

10:00 pm - 12:00 am

Hospitality

Suite #221

Friday, October 18, 2013

8:30 am – 9:30 am Breakfast Buffet Hancock Room

9:30 am – 10:30 am C4 Team Building Hancock Room

Communication – Mixed-Up Puzzles

Groups of individuals will be tasked with putting together a simple 25 piece puzzle...but without the skill of communication it could be nearly impossible!

Collaboration – Kansas Mappers Can Map It

So you think you know what a county map of Kansas looks like? Perhaps... Individuals must use the skill of collaboration to prove it!

Cooperation – Can You Step Through Paper?

This challenging exercise will test your skills of cooperation. Groups of individual will be tasked will be to take a pair of scissors and a sheet of 8½" x 11" paper to create a ring (without any breaks or joins) large enough to fit around the entire group.

Coordination – Name that County Seat

Just how familiar are you with each county seat across the state? Not only the name but where it is located within the county. Through the skill of coordination you can!

10:30 am – 11:00 am Break / Hotel Check Out

11:00 am – 12:00 pm Conference Wrap-Up – Take Away Sessions Hancock Room
Conference Registration Giveaway and Door Prizes (must be present to win)

12:00 pm Conference Adjourns

Meet the Presenters:

Dane Bailey, KDA – Kansas Division of Water Resources

Eileen Battles, DASC

Susan Belt, AMEC

Melissa Crane, Kansas Department of Revenue - PVD

Heidi Devore, Kansas Department of Revenue - PVD

Jessica Frye, Alexander Open Systems

Zoe Gehr, Kansas Department of Revenue - PVD

Kyle Gonterwitz, Kansas Department of Transportation

Stacey Gross, GeoComm

Benjamin Grover, Kansas Division of Emergency
Management GIS

Tim Hensley, Esri

Monica Hernandez, United States Post Service

Bryce Hirschman, Douglas County, Kansas

Kristen Jordan, DASC

Pete Koeing, Kansas Underground Utility Notification
Center

Ingrid Landgraf, U.S. Geological Survey (USGS)

Kenny Legleiter, Sanborn

Randy Mayden, Surdex Corporation

Heidi Mehl, Kansas State University

Lisa Mendoza, Office of the Attorney General

Brent Miller, DASC

Clint Miller, City of Lawrence

Terrol Palmer, Douglas County, Kansas

Amber Reynolds, Jackson County, Missouri

Raelane Schnacker, Kansas Department of Revenue - PVD

Micah Seybold, City of Lawrence

Erika Stanley, Kansas Division of Water Resources

Christian Stitz, Pictometry

Ivan Weichert, State of Kansas

Brownie Wilson, Kansas Geological Survey

Board Nominations

President

Pam Cannon

Pamela Cannon has been employed with Linn County since 1996 and serves as The GIS Administrator and 911 Address and MSAG Coordinator. She has been a member of KAM since 1999, and received her PKM Designation in 2007. She has served on the Designation Committee for the past 4 years, and has been on the KAM Board of Directors for the past 3 years. She previously served her community, on the USD#346 Board of Education for 12 years. Her hobbies include golfing with her husband, sewing, scrapbooking, and spending time with her grandsons.

Secretary

Susan Schulte

Susan is the GIS Coordinator for Stevens County. Susan has been a member since 2007 and has served the Board as Secretary since 2012 and also serves on the Awards Committee.

Treasurer

Lisa Olson

Lisa is the GIS Coordinator for Seward County. Lisa has been a member since 2007 and currently serves the Board as Treasurer. Lisa holds a KM designation and chairs the Awards Committee.

Director

Nick Callaghan

Nick is the GIS Coordinator for Shawnee County, KS affiliated with the Appraiser Office. Nick started his Career in Johnson County KS, with Automated Information Mapping Systems (AIMS) as an Intern, before relocating to Prince William County, VA for employment as a GIS Programmer/Developer (Fun Fact: Prince William County, VA has an ESRI license of 39!!). After the arrival of his son in 2003, Nick and his family returned to Kansas and where he worked as a GIS Specialist at the Kansas State Clearinghouse, DASC affiliated with Kansas University and the Kansas Geological Survey. His work at DASC provided him with opportunities to be progressive in the field of GIS and to collaborate on various local, state, and federal projects. In 2011, Nick obtained a position with Kansas Department of Transportation, gaining experience in the implementation of Arc

Server, leading him to a GIS Coordinator role with Shawnee County.

Originally from Kansas City Kansas, (the DOTTE), Nick lives in Topeka (T-town) with his wife, Jaime, and four wonderful, active, and tiring kids.

Jesse Smith

Jesse is a GIS Analyst for the Kansas Adjutant General Department. Jesse has been a member since 2010.

Cara Mays

Cara is a GIS Technician for Coffee County. Cara has been a member since 2010 and has served on the Publication Committee and the Program Committee for the last couple years.

Executive Board

Lee Allen, President
Gail Ogle, President Elect
Susan Schulte, Secretary
Lisa Olson, Treasurer
Eileen Battles, Past President
Becky Bartley, Director
Pam Cannon, Director
BJ Wooding, Director
Kristen Jordan, Director

Program Committee

Nick Callaghan, Chair
Micah Seybold
Jessica Frye
Bryce Hirschman
Kristen Jordan
Ed Crane
Cara Mays
Cris Bilby