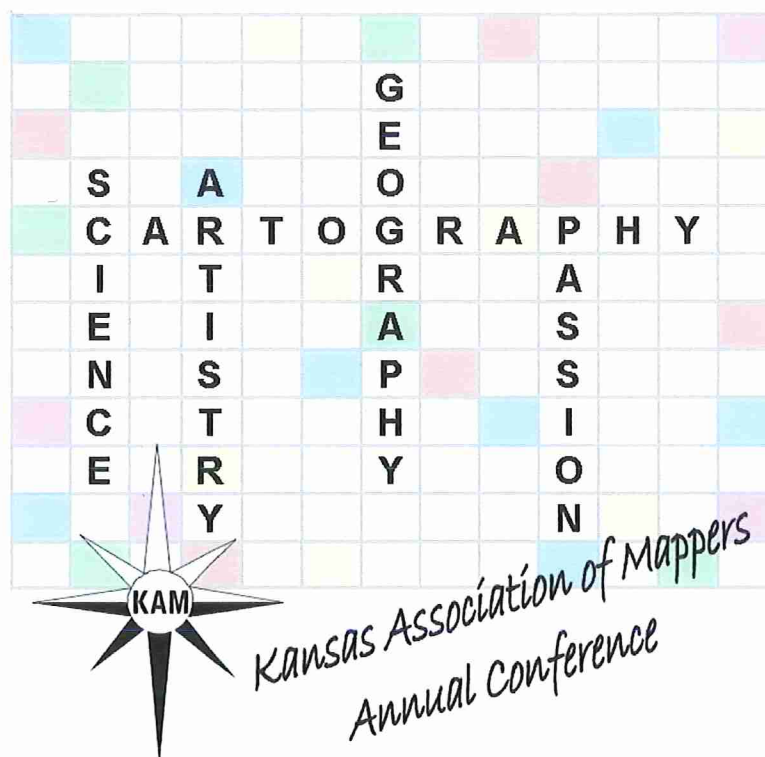


Cartography:

where everything comes together

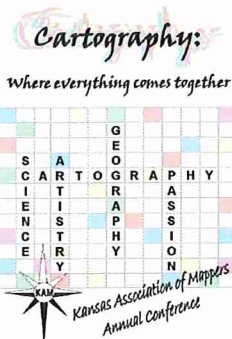


Kansas Association of Mappers

22nd Annual Conference

September 23-26, 2007

Holiday Inn at Campus - Manhattan, KS



2007 KAM Conference: Welcome

Hey KAM!!

I am pleased to welcome you all to our annual conference. The committee has put together an interesting, yet educational effort and when you see them, please acknowledge the efforts. It is quite an undertaking to keep the scheduling within the limits in addition to keeping the President in line. We'll see how they do there.

The City of Manhattan welcomes all of you to enjoy in the many varied activities of the area. The committee has seen to it that the Union and other near-by establishments will probably be graced by our presence.

A number of educational sessions are also in store for the membership. Plenty of continuing education opportunities for our designees and "just good learnin'" for the rest of us. The sessions are varied amongst our diverse membership. We have GIS, CAD, Communication Skills, Flood Mapping, Agricultural and I anticipate everyone will find something to attend.

Once again, welcome to the annual conference, I hope you find it very rewarding.

Tom



Welcome back to Manhattan for the 22nd Annual KAM Conference! The Program Committee has designed a fun-filled and educational couple of days for you to enjoy in the heart of Wildcat Country. Of course, Jayhawks, Ichabods, Hornets, Shockers, Tigers, and Scots are all welcome as well!

The newly-remodeled Holiday Inn Conference Center will serve as our home base, but we have a number of sessions and activities taking place just across the street on the beautiful KSU Campus and in historic Aggieville- both within easy walking distance. Our Monday afternoon will be spent at Kansas State as you take part in one of three fun, interesting, and educational exercises. Then we invite everyone to join in celebration with our sponsoring exhibitors as we continue the exhibitor reception at Rusty's Outback in the center of Aggieville. Be sure to check the map included in this program for directions to the KSU facilities and Aggieville as well as dining and entertainment information. I trust you can all easily interpret it.

Tuesday will be spent in more traditional conference style with a number of sessions taking place within the conference center's educational arena. But then, Tuesday night it's back to the KSU Campus for a fun-filled evening at the KSU Union Game Center. Be sure to check the information section for all the highlights and details of KSU Union game night. No doubt many of you will make your way to Aggieville before and/or after the game night for dining, shopping, and libations. Have yourself a free-spirited evening of fun!

The conference could not be what it is without the hard work of the Program Committee. If you see Ed Crane, Brenda Krause, Susan Snapp, Heidi Downie, Carol Kriebs, Linda Sibert, Laura Blossom, Walt Eis, or KAM administrative assistant, Penne Roelfs, give them a pat on the back, kudos, an "attagirl" (or boy), or better yet, buy them a drink! The KSU Campus and especially the Kansas State Geography Department and facilities will play an integral part in this year's conference. For their contributions, I would like to thank and extend my sincerest appreciation to Dr. Shawn Hutchinson and Dr. John Harrington and their staff and student assistants. A big THANKS also needs to go out to Tom Ricker and Mark Dupree of The Sidwell Company for providing a fantastic pre-conference class. We would also like to thank the many KAM members who drive this conference with their valuable presentations.

Finally, I would like to thank Jim Geringer and Dr. John Harrington for engaging us at the opening of this year's conference as our Keynote Speaker and special guest speaker, respectively.

Thank you all for coming and enjoy!

Dan Oldehoeft, Program Committee Chairman

Cartography:

Where everything comes together



2007 KAM Conference: Keynote Biographies



Jim Geringer is presenting the keynote for the conference.

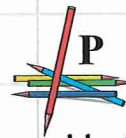
Former Governor of Wyoming, Jim Geringer, is a long-time GIS evangelist who continues to challenge top government officials and CIOs around the country to focus on purpose and mission rather than technology. As he says, "to put a face on the problems GIS can help solve, and the benefits to real people and policies". Jim knows technology and he knows Kansas—he earned his degree in Mechanical Engineering from Kansas State University, went on to work on the NASA Viking Mars Lander and was in on the ground floor of the Global Positioning Satellite (GPS) system. Jim also has finely honed leadership and political skills from his many years in the Wyoming legislature and finally as Governor, but you'll notice he also has a special knack for communicating complex technical subjects like GIS so that "your mother can understand it".

"GIS gives you a sense of place, a sense of interrelation. Everything you work with is somewhere and is connected to something. Geography is the science of our world, patterns, relationships and processes. The real power of GIS is in it's ability to reduce tables of numbers and multiple complexities to a simple concept that can be grasped and understood easily." Jim Geringer will challenge you with his insights, anecdotes and insistence that we all can do a better job of communicating what we do and how much it can help our communities every day.

Dr. John Harrington will speak in the opening session about Geography and GIS at Kansas State. John is a Professor of Geography at KSU, teaching classes on Climatology, Remote Sensing, and Environmental Geography I, to name just a few. He is Chair of K-State's All-University GIS Steering Committee, and a delegate from K-State to the University Consortium for Geographic Information Science (UCGIS).



C A R T O G R A P H Y



"The good cartographer is both a scientist and an artist. He must have a thorough knowledge of his subject and model, the Earth... He must have the ability to generalize intelligently and to make a right selection of the features to show. These are represented by means of lines or colors; and the effective use of lines or colors requires more than knowledge of the subject—it requires artistic judgment."

Erwin Josephus Raisz

2007 KAM Conference: At A Glance

Monday, September 24th

8:00 a.m.	Registration	Lobby
10:00 a.m.	Welcome, Open Meeting & Announcements <i>Tom Brown, KAM President</i> Presentation ~ <i>Dr John Harrington</i> Keynote Address ~ <i>Jim Geringer</i>	Landon
Noon	Luncheon ~ KAM Awards and Committee Reports	A B C
1:30 p.m.	GeoCaching Disaster GIS Workshop Digital Cartography	State/Kansas Rm (Hotel) ~ POB KSU Campus-Seaton, Rm164L KSU Campus-Union, Big 12 Rm
5:00 p.m.	Exhibitor Reception	Landon
8:00 p.m.	Sponsored Event	Aggieville ~ Rusty's Outback

Tuesday, September 25th

9:00 a.m.	Digital Mapping & Cartography Basics Health & Human Services—State & Local GIS Impacts GPS Video Tracking Greensburg/Kiowa Co Tornado Response	A C State Kansas
10:30 a.m.	Geodatabase 101—Why, What & How New Initiatives at DASC ORION Implementation—What Should Mappers Do Now? Flood Mapping GIS & GIS for Watershed Districts	A C State Kansas
11:45 a.m.	Box Lunch	Landon
1:00 p.m.	GIS Data Replication—Desktop to Server GIS & Web Rural GIS—Getting Started & Keeping It Going Acquiring Imagery Today: Digital Cameras/Oblique/LIDAR GIS for Utility Disaster Response & Crop Insurance GIS	A C State Kansas
2:15 p.m.	CAD Exchanges & Interfaces to/from GIS County Map Books—Still a Valuable Product Mapping Roads & Addresses—Standards & Status in KS Communication Skills—Presenting GIS to Citizens/Officials	A C State Kansas
3:30 p.m.	Municipal & Utility GIS Applications Ag Assessment & Soils/NRCS Updates KS GIS Data Inventory—Getting Your County Ready! Planning a Successful GIS Day Event for your Community	A C State Kansas
6:30 p.m.	KSU Union Game Night	KSU Campus-Union, Lower Level

Wednesday, September 26th

9:00 a.m.	KAM "All Membership" Special Event	Landon
11:30 a.m.	Luncheon & Conference Closing Activities	Landon

2007 KAM Conference: Schedule of Events

Monday, September 24

10:00 – 11:45am Opening General Session—Landon

President's Welcome – Tom Brown, Jackson & Brown County Appraiser
Presentation—Dr. John Harrington, Chair, KSU All University GIS Steering Committee
Geography and GIS at KSU.

Keynote Address—Jim Geringer, former Wyoming Governor, ESRI, Denver, CO
*GIS is Much More Than Technology or a Pretty Map. Put a Face on It—
You and GIS Can Really Make a Difference in Your Community and Across Kansas!*

12:00 – 1:15pm Conference Luncheon—A B C (lower level)

KAM Awards and Committee Reports

1:30 – 4:30pm Afternoon Super Sessions:

A *GeoCaching (Field Exercise)*

State/Kansas Room, Holiday Inn (point of beginning)

Intended for novice and experienced at using GPS or at GeoCaching itself. This modern techie 'scavenger hunt' will teach you the basics of using simple GPS devices to navigate around the KSU campus to find several hidden treasures. Go to Geocache.Com to become part of an international fad and see how many are hidden in your own home county!

*Dan Oldehoeft, City of Manhattan GIS, Manhattan
Melissa Newton-Blume, KDOR-PVD, Topeka*

B *Disaster GIS (hands-on) Workshop*

Seaton Hall (behind KSU Union) Room 164L

This hands-on session at the KSU GIS Lab will accommodate only 30 persons. Experience the feel of a real tornado disaster response scenario and how GIS analysis and maps can be used to help in planning, response, and mitigation tasks.

*Jessica Frye, KDEM/Adjutant General's Office, Topeka
Ken Wilkerson, GIS Edge, Wichita*

C *Digital Cartography Class* **Big 12 Room, KSU Union**

Map making is as much art as it is science and technique. Learn the nuances of digital cartography and how to make more communicative map products as well as the power of dynamically interacting with a live digital map versus a static paper map product.

Dr. Shawn Hutchinson, KSU Geography, Manhattan

5:00 – 8:00pm Exhibitor Reception—Landon Room and Foyer

8:00 – 12:00pm Sponsored Event—Rusty's Outback, Aggieville

Cartography:

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2007 KAM Conference: Additional Session

Monday 1:30 to 4:30
State Room

HAZUS MH Demo -

HAZUS_MH is a freeware created for FEMA to aide in disaster response and recovery efforts. HAZUS-MH is being used by states and communities in support of risk assessments, mitigation planning, and rapid needs assessments during natural disaster response. Other communities are using HAZUS-MH to increase hazard awareness. There are map templates available under HAZUS-MH Map Series, which have been helpful to HAZUS User Groups in public awareness and outreach. Emergency managers have also found these map templates helpful to support rapid impact assessment and disaster response for earthquakes, hurricanes, and floods.

Jim Taylor P.E.S.E is the Heartland Hazus Users Group "Chapter" President. He is a project manager with ABS Consulting in St. Louis, Missouri. He has participated in the evaluation, design, and construction of earthquake retrofit projects throughout the Midwest and serves as a board member of the Missouri SAVE Coalition, a Missouri state-sponsored volunteer organization for ATC-20 training and post-earthquake damage assessment.

2007 KAM Conference: Schedule of Events

Tuesday, September 25

8:00 – 9:00am **Coffee, Danish & Muffins in pre-convene area**

9:00 – 10:00am **Breakout Session 1**

Room A **Digital Mapping and Cartography Basics**

Making maps and other cartographic products using computers and digital data still requires some knowledge of not just how to use the tools, but also how to make the map communicate effectively. This will be a more concise, classroom/instructor-led version of the Sunday KAM Workshop.

Tom Ricker, SIDWELL Corp, Chicago

Room C **Health and Human Services—State and Local GIS Impacts**

The GIS Support Services at Kansas Dept of Health and Environment has developed numerous applications to support agency applications, many of which have local impact and implications. Health and Disease Monitoring, Business/Facilities Licensing and Monitoring, and other applications are a state-level function, but may also have local GIS impacts and potential local application opportunities.

AJ Thomas, KDHE, Topeka

State **GPS Video Tracking**

This presentation will outline a method of collecting and processing video and GPS data to enable the collection of features from that video data for input into a GIS. Using a custom built Access database, the features are stored based on the time at which they are visible in the video. This time is then referenced to a location using the GPS data and linear referencing in ArcGIS. This method has been used to collect data for a levee feature inventory for the U S Army Corps of Engineers, Kansas City District, and is being refined for use as a condition assessment tool for use on levee inspections.

Will Breitreutz, Geographer, USACE, Kansas City

Kansas **Greensburg/Kiowa County Tornado Response Stories**

Recent disasters in Kansas have taught many lessons on how mapping can and should be used to support response, recovery, planning, etc. Hear the Real Stories from ground zero from the KAM mapping people you know—what worked, what didn't, what could have been done differently that each of us should know for 'next time'.

D J McMurray, Pratt County Appraiser, Pratt
Bruce Hardesty, R&S Digital, Great Bend

10:00 – 10:30am **Break—Refreshments & Danish available**

2007 KAM Conference: Schedule of Events

Tuesday, September 25

10:30 – 11:30am Breakout Session 2

Room A Geodatabase 101 – Why, What & How

Learn what a Geodatabase is and why is it useful, perhaps essential to standardizing and protecting GIS data—basic concepts, terminology, simple GDB design tips. Spatial data is more complex than merely coordinates and data in a table or on a map. A geodatabase enables the computer to know what features are, what they can do with each other and with other features/data—lets the computer/database do more of the work protecting and organizing your valuable GIS data.

Beau Dealy, Dealy Geomatics, Wichita

Room C New Initiatives at DASC

Kansas Data Access and Support Center (DASC) is YOUR state clearinghouse for statewide GIS data, and a portal to other data from national or other public sources. Beyond that, DASC is working on several initiatives that include: statewide roads databases, utility and other administrative boundaries, FAST access to statewide digital orthophotos, and much more! DASC is offering local governments an off-site backup option for GIS data, so if a flood, fire, ice storm, or tornado event impacts you, all is not lost. DASC is a valuable resource—your resource—come learn what's new and how/who to contact!

Eilene Battles, DASC, Lawrence
Nick Callaghan, DASC, Lawrence
Brent Miller, DASC, Lawrence
Lisa Hallberg, DASC, Lawrence

State ORION Implementation – What Should Mappers Do Now?

This session is for county mappers who maintain property ownership records. We will show you what the owner names, addresses and tract descriptions will look like once they are converted to the Orion CAMA system. We will also give you tips on how to clean up some of your data, pre-conversion, to make for a smoother transition..

Charlie Sowell, KDOR-PVD, Topeka
Melissa Newton-Blume, KDOR-PVD, Topeka

Kansas Flood Mapping GIS and GIS for Watershed Districts

Water is a big deal in Kansas—from managing and protecting groundwater resources to support wells, to watershed and dam management, to runoff and flood management, to protecting surface water sources from contamination, to GIS for managing water distribution facilities. GIS is being used in a myriad of ways to support water-related applications that are critical no matter where you are in the state.

Stephanie Bany, Watershed Concepts, Kansas City
Dr. David Steward, KSU Civil Engineering, Manhattan

11:45 – 1:00pm Box Lunch with Exhibitors—Voting for 2008 KAM Board Members

2007 KAM Conference: Schedule of Events

Tuesday, September 25

1:00 – 2:00pm

Breakout Session 3

Room A

GIS Data Replication—From Desktop to Server GIS & the Web *

Techniques for GIS data exchange, analysis and publication is changing in the GIS Server and Web-enabled world today. Learn about these new capabilities, the terminology/technology, and the nuances of these new tools that can help communities better serve, share and broadcast their GIS products.

Tim Hensley, ESRI, St Charles

Room C

Rural GIS – Getting Started and Keeping it Going

Getting GIS started in smaller jurisdictions can be tough—but it's been done, and quite successfully both in Kansas and elsewhere. Hear the Comanche County story, hear how one technology company is building tools to help these smaller operations that have little or no staff/budget. Finally hear about innovative projects to help smaller communities that are in place around the country as well as here in KS through the KAC and the Kansas GIS Collaborative.

Kim Lauffer, Comanche County, Coldwater

Travis Rozean, Infinitec, Hays

Ed Crane, ESRI, Leawood

State

Acquiring Imagery Today: Digital Cameras/Oblique/LIDAR

The good news is there are new options for aerial photographs to support GIS tasks—and the bad news is there are new options for aerial photographs. All the 'new' options can become quite confusing, even to experienced GIS staff, but there are some standard concepts and common sense considerations that will help you make good decisions for the application you're trying to support. Digital ortho images being the foundation for local government GIS, it's important to both plan ahead and weigh carefully the options with your supplier of choice.

Marvin Miller, MARKHURD, St Paul

Nancy Matson, KDOT, Topeka

Kansas

GIS for Utility Disaster Response and Crop Insurance GIS

Obviously getting the lights back on, the water back on—and as fast as possible—is one of the highest priorities of utilities in responding to outages. What about the multitude of oil and gas pipelines that crisscross Kansas—ever think what happens when there are breaks or leaks in these lines? Federal rules are tough and tightly enforced on pipeline companies, and protecting life and property along these lines is managed using GIS. One of our own is a major national player in developing and supporting pipeline emergency planning and response—they get calls when pipeline explosions or other disasters happen anywhere in the US!

Also, did you ever thought about how crop insurance adjusters might use GIS to analyze crop damage claims? How about farm field analysis for each of their farmer customers, PLUS access to tomm data such as rainfall, hail and lightening strikes overlayed on farm fields? That's all in place and working today, and some of these innovative ideas got their start right here in Kansas!

Ken Wilkerson, GIS Edge, Wichita

Amy Flowers, Great American Insurance-Crop Div., Lawrence

2:00 – 2:15pm

Break—Refreshments & Cookies available

2007 KAM Conference: Schedule of Events

Tuesday, September 25

2:15 – 3:15pm

Breakout Session 4

Room A

CAD Exchanges and Interfaces to/from GIS

Learn the methods, reasons, and tricks of sharing GIS data with CAD and vice-versa. Design and engineering applications/people often must co-exist or at least communicate both ways with GIS databases. Hear from everyday practitioners how to easily work back and forth, and the interesting GIS applications in cities and utilities.

*Bryce Hirschman, Bartlett & West Engineers, Topeka
Dan Rose & Kyle Tjelmeland, City of Topeka, Topeka
Gail Ogle, Russell County, Russell*

Room C

County Map Books—Still a Valuable Product from your GIS

moderatee

County Map Books have been around for a long time, and just because you have digital maps or GIS doesn't mean people don't still want and need this paper map atlas to carry around or have available at home. We will discuss the time and energy it took Pottawatomie County to build their award winning comprehensive map books, and then take a look at an ESRI extension that can get you off the ground and on your way to a Pottawatomie County Owner book using whatever digital data you have or can find for your county.

Matt Harman, ESRI Database Services, St Charles

State

Mapping Roads and Addresses – Standards and Status in KS

Typically around the state each county, each city, often each utility maintains their own map of roads, road names, and perhaps address data specific to their needs. Hear not only about efforts to standardize, coordinate, and effectively maintain a statewide road database with current/correct road names, but also the surprising nuances and difficulties of constructing digital road/address databases. Mappers, 911, Road & Bridge, and others CAN and SHOULD share a common single, current, accurate centerline database—but it's going to take some serious time and energy to pull off!

*Panel: Nancy Matson, KDOT, Topeka
Sherry Massey, Dickenson County, Abilene
Nick Callaghan, DASC, Lawrence
Bruce Hardesty, R&S Digital, Great Bend*

Kansas

Communication Skills – Presenting GIS to Citizens & Officials

GIS and digital mapping isn't necessarily new, but new people are using these tools in their daily tasks, and other department heads and top officials often want to know what you do, or what you can do. We've assembled a team of experienced presenters to share their insights on effectively communicating about GIS and even using GIS to the non-technical, to your boss, to commissioners or other elected officials, and of course citizens.

*Kathleen Harnish-Doucet, KS Collaborative, Topeka
Ed Crane, ESRI, Leawood
Laura Blossom, Mobile Video, North Kansas City
John Rogers, Sedgwick County*

2007 KAM Conference: Schedule of Events

Tuesday, September 25

3:15 – 3:30pm **Break—Refreshments & Cookies available**

3:30 – 4:30pm **Breakout Session 5**

Room A **Municipal and Utility GIS – Electric and Water**

Cities across Kansas have been implementing GIS to support a wide variety of applications for many years. It's impossible to cover in an hour all that has been done or can be done with GIS to support daily operations, ranging from support for municipal water and sewer facilities, permitting and code enforcement, pavement and street sign maintenance and capital improvement plans, just to mention a few. Many are also beginning to deploy mobile GIS to keep these systems current, correct, and on-line 24/7 in the hands of the people in the field doing the work. There's something for everyone in the useful tips and technology perspectives provided by these progressive GIS leaders.

Bryce Hirschman, Bartlett & West Engineers, Topeka
Darlene Lister, City of Ottawa, Ottawa

Room C **Ag Assessment and Soils/NRCS Updates**

There's always something to learn about the 'new' soils databases available to counties from NRCS and at DASC, and how to use these digital soils with digital parcels and land use to support valuation. This annual update from PVD is your opportunity to get the tips and new methods and issues summary from the people who deal with it everyday.

Susan Williams, KDOR-PVD, Topeka

State **KS GIS Data Inventory – Getting Your County Ready!**

Kansas GIS Collaborative and DASC have begun an effort to get local communities to inventory their digital mapping/database assets and facilitate discussion of how to manage and protect these important assets, particularly in the event of a disaster such as the Greensburg tornado. You'll hear details of the process and what is being offered to your County Commissioners, and get some pointers on preparing for this valuable exercise coming to your county soon!

Eileen Battles, DASC, Lawrence
Kathleen Harnish-Doucet, KS Collaborative, Topeka

Kansas **Planning a Successful GIS Day Event for your Community**

If you're not planning a GIS Day event in your county or city, you most certainly should! You'll get some keen tips on what works and what may not; and definitely learn how valuable these events can be to get the word out about what you can do. It's not hard, and it can be very rewarding—especially if your event includes either a visit to an elementary classroom to talk GIS to the kids, or if they come to you on a field trip. The theme for GIS Day November 14, 2007 is "Discovering the World thru GIS". Just give it a try—you'll never regret it!

Linda Sibert, Saline County, Salina
Dan Rose, City of Topeka, Topeka

6:30pm – 12:00 **Socializing at KSU Union**
Bowling, Pool, Shuffle Board, etc—See Announcements page for details.

2007 KAM Conference: Schedule of Events

Wednesday, September 26

9:00 – 11:30am KAM “All Membership” Special Event—Landon

Disaster Response Simulation Exercise to help prepare KAM members for using their special skills to assist in a disaster or emergency operation. Kansas has experienced numerous natural disasters in 2007, and the role of mapping/GIS is widely regarded as essential to saving time, property, dollars and perhaps even saving lives. We now know for these tools to actually be useful in a crisis, it takes practice and familiarity for both you the technologist and public safety/emergency response personnel. You'll be an active participant in a desktop exercise geared to help all of us learn some essential lessons before, not after, the fact.

11:30 – 1:15pm Closing General Session and Luncheon Buffet—Landon

Install new officers
Closing Address
Map Gallery Winners
Grand Prize Giveaway

Monday Evening Exhibitor Extravaganza

Block off your schedule! Be sure to attend!

Monday at 5:00 p.m. the excitement begins. Meet your friends in the Landon Room & Lobby Area, visit with the KAM Exhibitors, eat, drink and be merry—but don't forget to collect your **KAM bucks**, too!

Each of the booths in the exhibition area will have **KAM bucks** to award at their discretion. Don't be shy about asking for them because later in the evening those bucks could be worth **\$100 real dollars!**

Attendees will have from 5-8 to collect the funny money at the hotel, then the party is being moved to Rusty's (Last Chance) Out-back in Aggieville, where a room has been reserved just for us. The trek will be worth the walk because once you get there you will receive a custom glass, sponsored by **Watershed Concepts**, and the opportunity to fill it free, sponsored by **Bartlett & West**. You will also be given the chance to redeem your KAM bucks and buy chances for the \$100 giveaway (awarded between 9:30 – 10 pm).

Must be present to win.



2007 KAM Conference: Board Nominations

President Elect

Randy Mayden, M.J. Harden Associates

Thank you for the nomination for President Elect. I would be honored to serve the KAM if elected. I have served numerous organizations over the years, including President of the Missouri Mappers Association and the Kansas City Chapter of the American Public Works Association. I am familiar with the requirements and needs relating to serving the organization and will do my utmost to fulfill the position.

Please accept my apology for my absence. As you know, at times conflicts arise during the busy conference season. Unfortunately, this year I am required to attend the NISGIC Conference in Madison WI. I will truly miss all the "good times" and friends I have at KAM. I'll do my best to promote KAM at NISGIC whenever possible.

Thanks again for the nomination, have a drink and a laugh for me, and I look forward to seeing everyone again soon.

Randy Mayden

Bruce Hardesty, R.S. Digital

I'm currently the Project Sales Manager for R&S Digital Services. I have been with R&S since 1998 and I have been involved in the implementation of over 30 GIS projects in the State of Kansas.

I'm running for my second term on the Executive Board. I feel my first year as Director was very productive. I pushed very hard for accuracy standards in GIS mapping this year and as a result the wheels are starting to turn at the State level for standards to be put in place. If elected I will continue to be very vocal on this very important issue.

Thank You for your consideration:

Bruce Hardesty, Project Sales Manager, R&S Digital Services, Inc. Great Bend, KS.

Secretary

Deanna Hermreck, Miami County

I am delighted to accept your offer to run for Secretary on the KAM Board. The position seems to be both exciting and challenging, two of the most important aspects of work to me. I am currently the Mapping/GIS Director at Miami County. I have been employed at Miami County for 17 years and I have been part of KAM for 13 years. I was elected as a Director last year, have served on the Membership Committee, Program Committee, and now would like the opportunity to be Secretary. While growing up, I lived in the Linn County area, and I now live in the Miami County area. I have been married for 28 years to Lee Hermreck who is also a KAM member. We are the parents of five children. I enjoy motorcycle riding, quilting, and attending all the kids' activities.

Treasurer

Amber Reynolds, Watershed Concepts

I've been active in KAM since 1996 while I was working at the Data Access & Support Center (DASC). In fact, I was the KAM Secretary in 2003/2004 and have maintained the KAM website for several years. But, after an eleven year courtship with DASC, I decided to take a position as a Senior GIS Specialist at Watershed Concepts with Rod Odom (yes, Rod Odom) as my supervisor.

I will not make any campaign promises (well, besides I promise not to embezzle any money or allow KAM to go broke). However, I can assure you that as the KAM Treasurer and with the Darlene at the helm, I will continue to position KAM as a successful and innovative association now and into the future.

If nothing else, please vote for me out of pity - after all, I work with Rod every single day!!

2007 KAM Conference: Board Nominations

Director

Duanette Baker, Jefferson County

Jerry Mentzer, Woodson County

I am the Woodson County Appraiser and have been since 1990 and have worked in the appraisal and mapping business since 1987. I became a member of KAM in 1991. We started implementing a GIS program in the early 90's and through trial and error plus some excellent help have a pretty comprehensive program in progress. I served several years on the membership committee and the past years as a director, which has been fun and very interesting. I would appreciate your support.

Becky Bartley, Osage County

My name is Becky Bartley and I live in Osage City, have two children, Quintin who lives in Seattle and Veronica who is in the Army. I love to read, make greeting cards and am just beginning to scrapbook. I have worked for Osage County since 1997 under the Appraiser's Office. In 2006 the GIS/Mapping Department grew into its own entity so it's been very exciting being able to serve the county and public in this new capacity. I have been a member of KAM since 1998, have served as director and as secretary in the past and would love to serve as director again. I would appreciate your vote.

Andy Henry, City of Hutchinson

I work for the City of Hutchinson as their GIS Supervisor. I've been with the city for four years now. I started as a GIS Technician and was the first official member of their GIS Department. Within a year I was promoted. I now have two technicians under me. Dan would probably be delighted to know this; we based our GIS department off of theirs and Garden City's. We have progressed quite well, but not as much as I'd like. Our hope one day is to be able to, day in and day out analysis for each department that we provide for (which is all departments in the city), have other departments manage their data, customized web apps, and hire a programmer. Oh, I also graduated from Kansas State University in May of 03 with a B.S in Geography and have had thoughts about going back for my MS. Outside of work; I try to stay away from work as much as possible, just enjoy life, watch KSU football, have some beers (like most in our profession), stay active, and travel as much as I can.

Dan Rose, City of Topeka

Hi there! My name is Dan Rose. I'm a Virgo, and enjoy long walks in the.... Wait, it's not THAT kind of introduction!

I work for the City of Topeka's Technical Support Group, in the GIS Section. I've been working with GIS/Mapping for almost 8 years, and I love every aspect of it! I'm currently a student at Kansas University, working toward my Geography degree. For two years, I have served on KAM's Publication Committee, which allows our voice to be heard by many people across the State of Kansas.

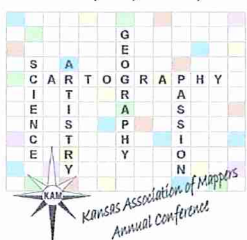
I am thrilled to be nominated to the KAM Board of Directors. I have met many people in our association that have helped shape my career. This nomination presents an opportunity for me to contribute to an organization that is central and beneficial to our state and our industry.

My goals are:

1. To support and cultivate KAM's already-excellent network of GIS and industry professionals through means such as our annual conference, our website, newsletters, and of course our educational contributions.
2. To promote GIS as the trade of choice to the fresh and upcoming generation of GIS professionals, through mentoring and sharing of experiences.

Members will find me accessible and open to their ideas for furthering the KAM cause. I'm a strong believer in listening to different perspectives and in networking within this group of dedicated KAM members. If we work hard, share ideas and make it happen we can achieve greatness... and more importantly, we'll have fun doing it!

Thank you for your consideration.



2007 KAM Conference: Announcements

Map Gallery :

*With a nod toward the conference theme, everyone is encouraged to find the **art** in **cartography**!*

Business card size ballots are provided to attendees in their registration packets. Please check out the maps displayed in the exhibition area of the Landon Room & Foyer. Mark your ballots with the numbers of the maps you vote as 1st, 2nd, and 3rd place. The winners will be announced at the closing lunch on Wednesday. Awards include; a prize donated by ESRI, a Magic Conference registration, and a 2008 KAM Conference registration.

Continuing Education :

Continuing Education points are available again this year. To collect points, pull out the Tracking Sheet found in the back of this program. Get your sheet stamped at each session you attend, then place your name on the top and turn it in to Penne at the registration table. It is just that easy! Penne can help you with specific questions regarding your total points for designation recertification or provide certificates, if needed.

Grand Prize Drawing :

Be a winner! This year's Grand Prize is a Garmin hand-held GPS Unit. To become registered to win the GPS Unit, you must return the Wednesday lunch count ticket to Penne. Then, show up at the final lunch of the conference to find out if it is your lucky day and collect the prize!

Union Game Night :

A portion of the Game Room in the KSU Union has been reserved exclusively for KAM members on Tuesday night! A variety of games and activities will be available for everyone's entertainment. Six pool tables, Shuffleboard, Golf Simulator with real clubs and real ball, and six bowling lanes are reserved starting at 8:15. In addition, there are Air Hockey tables, Foosball and a video game room with a variety of games and pinball machines. The pool tables, shuffleboard, golf and bowling lanes will be **FREE to KAM** members throughout the night, however, the Air Hockey, Foosball, and video room will remain open to the general public and will not be free.

Food and drink are available in the Union with a Subway located within the Game Room complex open until 9pm as well as a bar with several kinds of beer on tap. Of course, Aggieville is within walking distance of both the Holiday Inn and KSU Union and has a plethora of dining options (check the map).

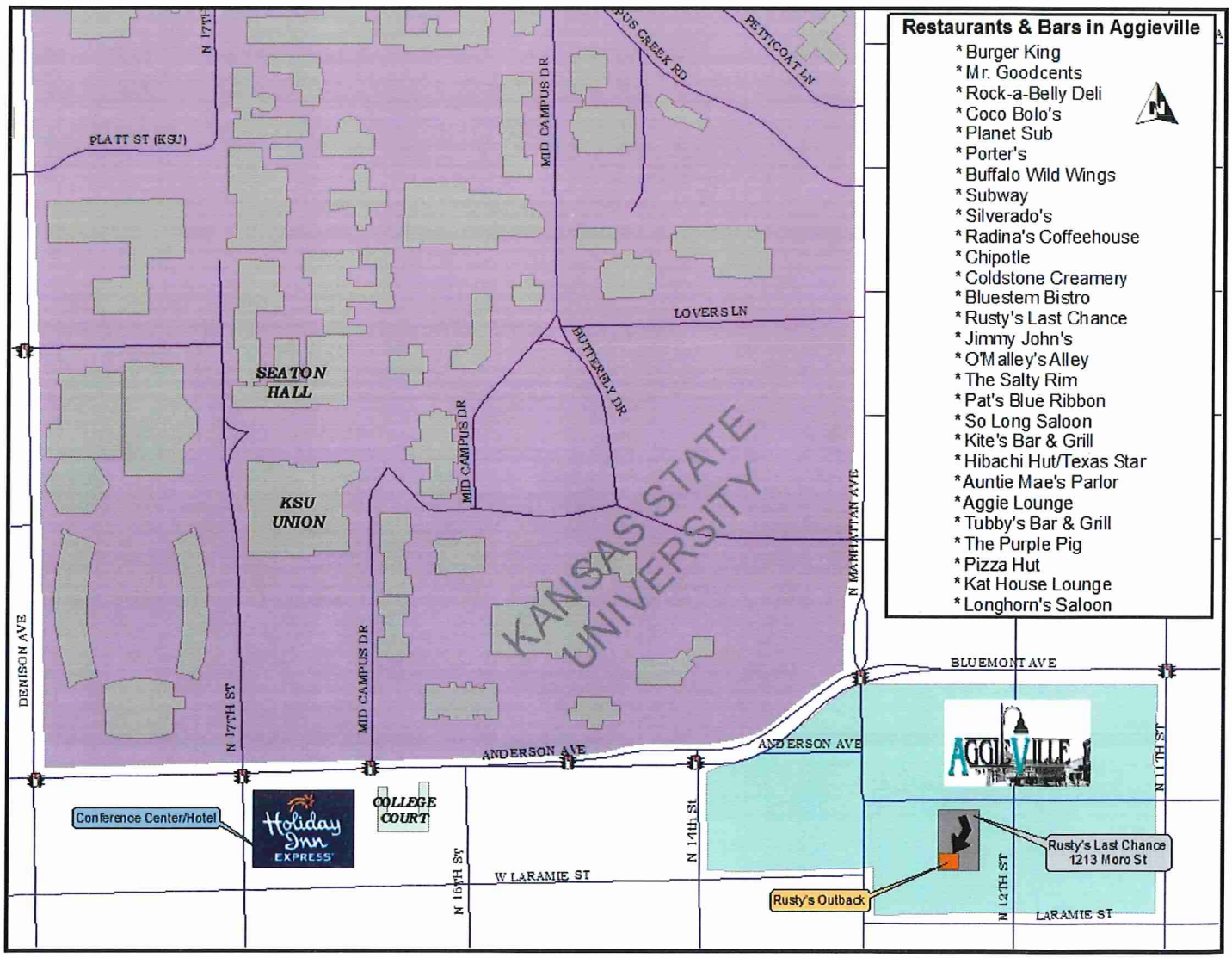
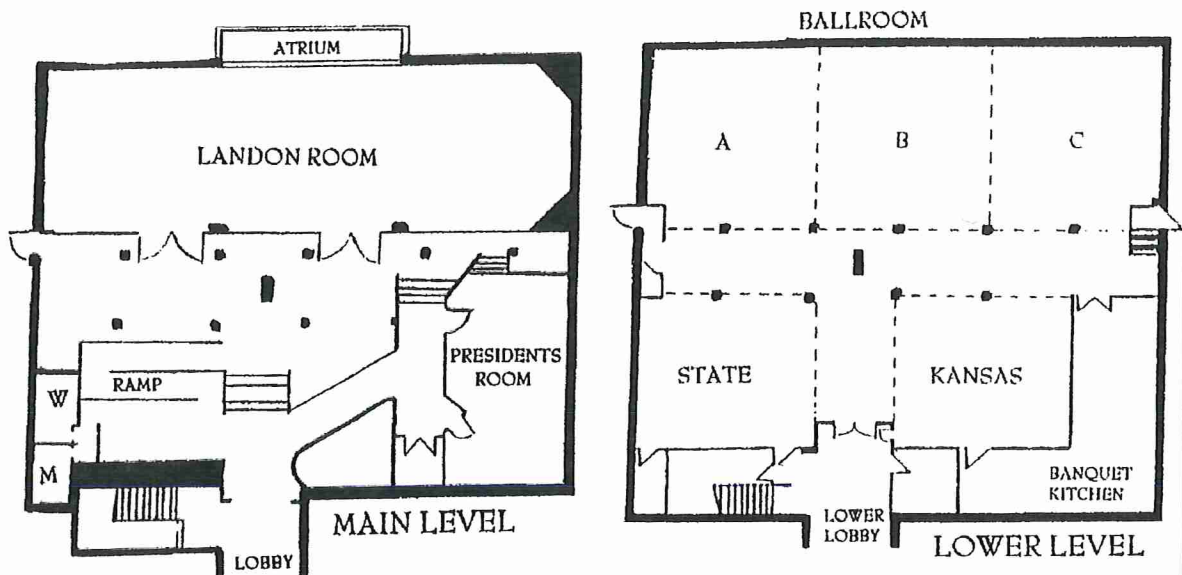
Everyone is encouraged to come out and enjoy a relaxing evening of fun and games, and maybe a little friendly competition!

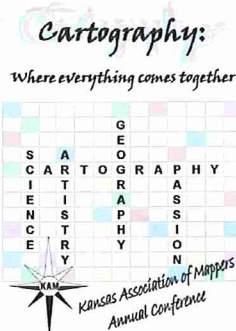
KSU Union Game Room is located directly north of the Holiday Inn on the KSU Campus on the lower level (see map).



2007 KAM Conference: Hotel layout & Area Map

The layout of the conference center classrooms is provided to the right. A map of the area surrounding the conference center is provided at the bottom. Thank you to Heidi Downie, City of Manhattan GIS for providing the map.





2007 KAM Conference: Exhibiting Sponsors

ESRI

With annual sales of more than \$660 million, ESRI remains the world leader in the geographic information system (GIS) software industry. Our business involves the development and support of GIS software for all types of organizations--from the one-person office to multinational corporations to innovative Internet GIS solutions.

Contact Information: ESRI Kansas City
8700 State Line Rd, Suite 315
Leawood, KS 66206
913-383-8235
www.esri.com



AERO-METRIC, Inc.

AERO-METRIC, Inc. is a leading Geospatial Data Solutions, LiDAR, and Photogrammetric Mapping firm that is focused on developing solutions for our

client's projects. From data acquired using land, airborne and satellite sensors, we define the earth's topographic shape, identify and measure its natural and man-made features, and chronicle its condition. Projects have taken us to remote and challenging assignments throughout the United States, Canada, Latin America, and the Caribbean basin. Our innovative and creative solutions are the guiding principles behind our continued successes in meeting our clients' scheduling needs on projects of all sizes and complexity.

As a leader in aerial surveying services for over 85 years, AERO-METRIC, Inc. is continuing the tradition of providing the highest quality mapping and geospatial data services available. Using photogrammetric, LiDAR, interferometric radar, digital cameras and other highly advanced systems to capture imagery and vast three-dimensional data sets, we combine the advantages of the latest acquisition technologies with our world-class expertise and image data processing capability. From detailed, high accuracy digital elevation models, orthoimagery, and interactive terrain fly-through movies to custom thematic mapping, GIS and database services, AERO-METRIC offers a full spectrum of outstanding mapping products and services.

AERO-METRIC, Inc. currently has offices located in: Virginia Beach, VA; Sterling, VA; Sheboygan, WI; Chilton, W; Minneapolis, MI; Overland Park, KS; Tulsa, OK; Dallas, TX; Albuquerque, NM; Ft. Collins, CO; Seattle, WA and Anchorage, AK.

Contact Information:

AERO-METRIC, Inc ~ Kansas City Office
P O Box 13140
Overland Park, KS 66282
913-310-0567
www.aerometric.com



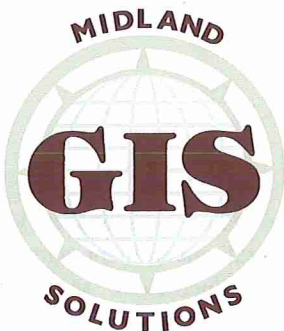
2007 KAM Conference: Exhibiting Sponsors

Drexel Technologies Inc

As a reprographics solutions provider, Drexel Technologies Inc. has been providing equipment, printing and service solutions for over 60 years. Our equipment solutions include wide format plotters, scanners, copiers, service and supplies. Our printing services include traditional wide format printing, B&W and color scanning, on-line plan room, document management, full color banners, graphics, signs and finishing.



Contact Information: Drexel Technologies, Inc
10840 W 86th Street
Lenexa, KS 66214
www.wideformatsolutions.com
913-371-4430



Midland GIS Solutions

Owned and operated by Professional Land Surveyors, Midland GIS Solutions is a professional firm offering comprehensive GIS mapping services, data development, implementation, and consulting services. Our clients include municipalities, counties, utility companies and private organizations throughout the Midwest. With over 35 years of mapping experience, Midland GIS Solutions is the most qualified and diverse GIS development Company in the Midwest.

Contact Information: Midland GIS Solutions
501 N. Market
Maryville, MO 64468
www.midlandgis.com
660-562-0050

Allied Information Solutions, Inc.

Allied Information Solutions provides County and Municipal Governments and Utility companies with a turnkey solution to GIS and Information Technology needs.

High quality digital orthophotography allows Allied to build accurate maps required to support each of the following:

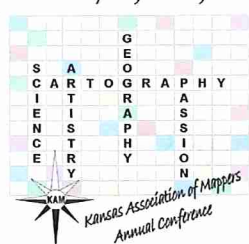
- Parcel Mapping, Tax Assessment, GIS and CAMA Integration
- Enhanced and Wireless 911 Systems,
- Enhanced and Wireless 911 Mapping
- Computer Aided Dispatching,
- Records Management
- Utility Mapping and Management Systems
- Road and Bridge Management Systems



Contact Information: Allied Information Solutions, Inc
3 Bramblett Hollow
O'Fallon, MD 63366
636-639-8899
www.landrecordsportal.com

Cartography:

Where everything comes together



2007 KAM Conference: Exhibiting Sponsors

Océ' North America

Océ is a copying and printing specialist. We have the expertise to help professionals do better business. With a full range of products that covers the entire spectrum of imaging needs. We dare to reach beyond what other imaging companies do. In terms of our range of systems. In terms of our comprehensive service. In terms of our commitment to finding new technological solutions (rather than relying on the way it's always been done).

Contact Information: Océ' North America
7000 Squibb, Suite 100
Mission, KS 66202
www.oce.com
913-894-5163



Pictometry International is a rapidly growing software company that provides visual information systems. The company's patented imaging process captures georeferenced, high-resolution oblique and ortho Intelligent Images® of counties and states. Combined with the company's interactive software solution, users can see everywhere, measure anything, and plan everything. The company has a growing customer base exceeding 400 counties, several states, federal government organizations, as well as private business users.

Pictometry is a second order visualization tool. Applications include 9-1-1, appraisers, assessors, emergency management agencies, engineering, fire departments, GIS, homeland security, law enforcement, planning officials, transportation, and utilities.

Contact Information: Pictometry International
10414 Belinder Rd
Leawood, KS 66206
www.pictometry.com
913-648-5476

Kimble Mapping was established to provide Tax Ownership and Ag Use mapping to the state of Kansas. Yes, time changes and so do we, but there are certain things that will always be key to any successful mapping project. We understand that property maps reflecting valid ownership, proper dimensions, and calculated acreage is a necessity for effective property management. Accurate Land Use along with a working Ag Use report is a powerful tool in maintaining tax equalization. Kimble Mapping's techniques are proven reliable and able to hold up under "real world" conditions... a world where every county is different. Our objective is to develop a system that counties can use immediately with ease and at an affordable cost not only now but in the maintenance of the system. Whatever the future holds, you can count on Kimble Mapping to be there for you with service that makes sense.

KIMBLE MAPPING

Contact Information: Kimble Mapping
2601 Anderson Avenue, Suite 205
Manhattan, KS 66502
785-539-7499

Cartography:

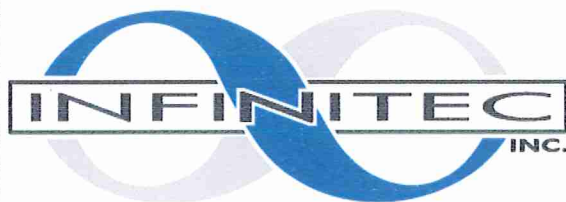
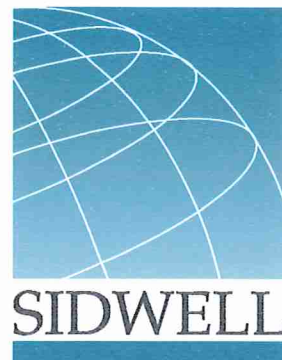
Where everything comes together



2007 KAM Conference: Exhibiting Sponsors

The Sidwell Company is a provider of comprehensive GIS and mapping services. Among the products and services offered by the company are: GIS planning, design, and implementation; data conversion and cadastral database development; aerial photography; software development including Parcel Builder™; photogrammetric services including topographic, planimetric, and digital orthophoto mapping; project management, and training and technical support services such as web hosting for GIS data. Sidwell is an employee-owned firm offering an experienced staff, and quality products and services, and is an ESRI Business Partner.

Contact Information: The Sidwell Company
675 Sidwell Court
St. Charles, IL 60174
www.sidwellco.com
877-SIDWELL



Since **InfiniTec, Inc.**, was founded in 1979, it has grown to be the software supplier for over 80 counties and 50 cities in Kansas. It also offers hardware marketing and services, GIS software and e-development, Internet and intranet services, and much more. The company employs 30+ people throughout the state of Kansas including Certified System Engineers as well as staff with certifications from IBM, Microsoft, and Cisco."

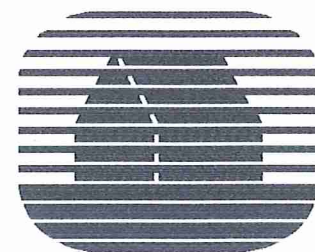
Contact Information: InfiniTec, Inc
1007 W 27th St
Hays, KS 67601
www.infinitec.net
785-625-3570

Mobile Video Services, Inc. specializes in field data verification, address matching and imaging. Using electronic maps and orthophotos, the x-y coordinate for each structure is collected, the site address is verified and optionally, the unit addresses within and a street-view image of the structure is taken. Once the field work is completed, the software application running at the desktop is used to review field-verified data allowing the appraisers to resolve most appraisal issues in the office.

Mobile Office – take the office to the field. Some of the same functionality that is currently used in the state-of-the art Property Information Collection System (PICS) has been incorporated into the Mobile "O" application. This application provides the ability to maintain the image database developed by Mobile Video's field data verification services or for some jurisdictions, to develop their own.

Mobile Office for Emergency Management Departments – the software application was developed as an additional module for the Mobile Office PC Tablet with GPS. The software allows field verification, collection and sharing of property location and attribute data which is needed by emergency response agencies

Contact Information: Mobile Video Services, Inc
1223 Magic Circle Dr
Emporia, KS 66801
www.mvideo.com
620-340-7620



MOBILE VIDEO

2007 KAM Conference: Sample Press Release

22nd ANNUAL KANSAS ASSOCIATION OF MAPPERS ANNUAL CONFERENCE DRAWS LOCAL AND REGIONAL MAPPING AND GIS PROFESSIONALS

MANHATTAN, KS — September 26, 2007 — The Kansas Association of Mappers (KAM), a statewide organization of mapping and geographic information system (GIS) professionals from both public and private sectors, held its 22nd annual conference in Manhattan September 23rd through the 26th, 2007,

This yearly event provided an opportunity for mappers to gather with their peers from across the state and learn about trends in practice, procedure and technology. Supplier companies from within the geospatial industry showcased a range of products and services for mapping and GIS applications.

The keynote was a presentation by former Wyoming governor, Jim Geringer. Educational breakout sessions for attendees covered such topics as “Digital Mapping and Cartography Basics”, Health/Human Services—State/Local GIS Impacts”, “GPS Video Tracking”, “Greensburg/Kiowa County Tornado Response”, and “Communication Skills”.

Attending the conference on behalf of
was

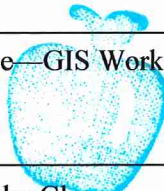


(insert company/employer name here)

(insert name and job title here)

Founded in 1986, KAM allows various mapping and geographic information system professionals the opportunity to exchange ideas and experience; address common problems and concerns; obtain advice; participate in specialized training and education; and gain recognition as qualified and competent mapping and GIS professionals.

2007 KAM Conference: Continuing Education - Tracking Sheet

Name: _____

GeoCaching (Field Exercise)	Rural GIS
Disaster Response—GIS Workshop  HAZUS	Acquiring Imagery Today
Digital Cartography Class	GIS for Utility Disaster Response & Crop Ins
Digital Mapping & Cartography Basics	CAD Exchanges & Interfaces
Health & Human Services—State/Local...	County Map Books—Still Valuable
GPS Video Tracking	Mapping Roads & Addresses
Greensburg/Kiowa Co. Tornado Stories	Communication Skills
Geodatabase 101 	Municipal & Utility GIS—Elec. & Water
New Initiatives at DASC	Ag Assessment & Soils/NRCS Updates
ORION Implementation 	KS GIS Data Inventory—Getting Ready
Flood Mapping GIS & Watershed Dist	Planning a Successful GIS Day Event
GIS Data Replication 