

Twentieth Annual KAM Conference Program



Scale: 1 inch = 10 years

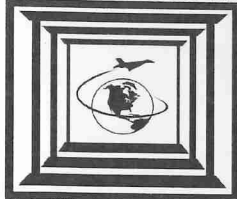


*Kansas Association of Mappers
October 3 - October 6, 2005
Wichita Airport Hilton, Wichita, KS*

20th Annual K.A.M. Conference Vendors



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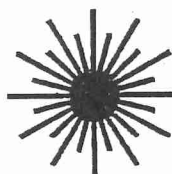
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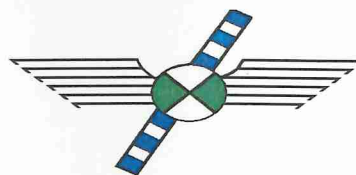


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Welcome

I am pleased to welcome you to the 20th Annual Conference of our great organization, the **Kansas Association of Mappers**.

This Conference is very special. It represents a gathering, for the 20th straight year, of professionals learning more by sharing educational information, skills and thought provoking ideas.

The Program Committee, Co-Chaired by Carol Kriebs and Judy Palenske, have provided us with, what I believe will be, a "Flag-Ship Conference". The session topics are diversified and have excellent speakers scheduled to give these presentations. Carol and Judy have also lined up some really fun things to do. In my opinion, everyone will benefit tremendously by attending as many of these sessions and fun activities as possible. Make the most of this opportunity by socializing with your colleagues and learning from their successes and their failures, and we will all leave this 20th Annual Conference with increased knowledge and lasting memories.

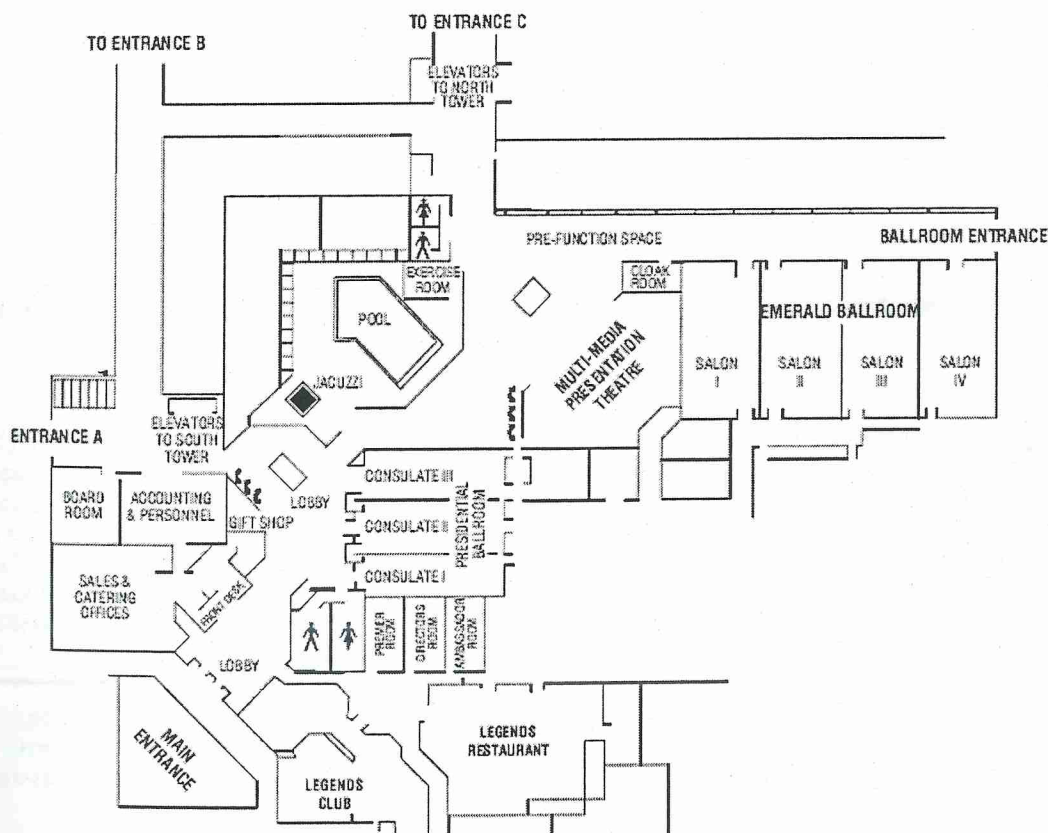
As a final thought, let's not forget the exhibitors! They are an extension of the required services that you perform, so please plan to visit with them during this conference. They also support this conference and this organization by their attendance. If nothing else, a "thank you" is appropriate.

Now enjoy yourself, learn and have fun.

In other words *"Work Hard, but Have Fun Doing It"*.

Don Cleveland, 2005 President
Kansas Association of Mappers

Hilton Conference Center



Thank You

We would like to thank the 2005 Program Committee for all their help with the 20th Annual KAM Conference. Our committee members are Virginia Davis-Saline County, Jean Edwards-Greenwood County, Randy Mayden- GE Energy, Cody Buhrmeister-Western Air Maps, Chris Welchans-City of Olathe, Susan Snapp-Pottawatomie County and Chris Morlan-Sedgwick County. We especially want to thank Susan Snapp for her creativity in creating the logo and designing the KAM Family Feud game, which you will not want to miss. She has created a great night of entertainment.

As usual KAM's Administrative Assistant, Tresa, was invaluable. She helped to keep us organized and reminded us of little details we might have forgotten. What an asset she is to our organization!

What would we do without Lavinia? Our newsletters and programs are looking so professional now with all of her help. Thanks to GE Energy who let us have Lavinia to design our newsletters and for donating the cost of printing to KAM.

This year, CADVisions taught our pre-conference class with all the proceeds going to KAM. We would like to thank them for their generosity.

Additionally, we want to thank our employer, the Shawnee County Clerk, for printing this year's program and the Shawnee County IT Department for binding our program. And to Scott Tabb for designing the Program this year.

We feel we have a great conference in store for you. We have a variety of sessions with excellent speakers and a lot of fun in store for you too. We encourage everyone to not miss a thing. This will be a great learning experience and a chance to network with the friends we have made during the last 20 years of conferences.

Carol Kriebs & Judy Palenske KM
2005 Program Committee Chairs

Continuing Education

Continuing Education points will be available for participants attending the various educational sessions. If you need maintenance points for your KM, PKM, KGISP, RMA, or to give to your employer, please pick up a sheet at the registration table. Have the moderator in the room stamp your sheet for the session you attended. Provide a copy to Tresa Myler, the KAM Administrative Assistant, for KM, PKM, or KGISP maintenance points. Provide a copy to PVD (Marilyn Cathey) for RMA points. All sessions at the conference will count for KM, PKM, and KGISP maintenance points and will be tracked in a database. Contact Tresa Myler at KAMadmin@earthlink.net if you have questions or require confirmation on your continuing education points.

Vendor Night

Come early and plan to stay at the Tuesday night vendor reception. The vendors have provided us with a great menu of appetizers. KAM will provide beer and soda and a cash bar will be available. Please take time to talk to the vendors and learn about all the new technology that will make our jobs more efficient and effective. The vendors are a very important part of the conference, so make sure when you are visiting their booths to thank them for coming and sponsoring KAM. Additionally, many vendors have door prizes. Check your registration packet for a paper to take to the vendors for their signatures. This paper will be your registration for the door prize drawings starting at 7:30.

5:30 pm Vendor Exhibits open.

6:00 pm Appetizer buffet served.

7:30 pm Drawings for door prizes.

** The Tower Room will be open for KAM members after the vendor reception.

Map Gallery

The Map Gallery gets better every year. You will find a ballot in your registration bag to place your vote for the best map. Look the maps over well because the prizes have created some stiff competition. ESRI and Mid-West CAD have donated some great prizes. Top prize again this year is a certificate for (1) complimentary single use license for ESRI ArcGIS 9.1 Extension; another prize is for (1) complimentary license for ESRI ArcGIS 9.1 Arc-View. Take your time to judge them and learn from them and then place your vote in the box provided. The gallery is located in Salons III & IV.

Breakfast on Wednesday

You will receive two "meal tickets" in your conference packet for the breakfast buffet on Thursday morning if you plan to attend the breakfast, you **MUST** turn in one ticket with your name at the registration desk by Tuesday noon and bring the remaining ticket to the breakfast for the grand prize drawing.

Family Feud at Side Pockets Bar & Grill

We surveyed 100 KAM members and asked them this question, "If you were at the 2005 KAM Conference and given the opportunity to participate in a unique and exhilarating exchange of ideas while having the time of your life, would you get several of your colleagues together and play KAM Family Feud?".....!

And the number one answer was.....YES.....!

Wednesday night the Program Committee will present KAM Family Feud. This promises to be very entertaining and Side Pockets Bar and Grill is a terrific place to host it! Side Pockets is one of the largest entertainment centers in the Wichita area. It is by far the nicest billiards, bar and restaurant combination in Sedgwick County - featuring 24 coin-op tables and 9 full size tables. The fine library paneled oak bar is one of the longest in the State of Kansas. Several beers are on tap along with a full selection of various bottled beers, spirits and soft drinks. Lunch & dinner specials are available daily. All sandwiches and burgers are under \$8.00 and they have 15 different appetizers! The menu features everything from appetizers and chicken and burger sandwiches to a 10-ounce Top Sirloin steak with all the trimmings. Plus, everything on the menu is under eighteen dollars. A few of the special amenities offered at the Side Pockets include 3 soft tip dart machines, a jukebox with over 30 ceiling speakers, 2 TV's, Golden Tee Golf Machine, and a non-smoking area.

To be a part of this great night, all you have to do is pick up a form at the registration table, fill it out, and return it! Pick your team members (4-5 on a team) fill out ALL the blanks on the form and return the forms to Tresa Myler, Judy Palenske, or Susan Snapp by 7:00 Tuesday night.

See you there!

Grand Prize

On the final day of the conference, the committee thought it was only fitting that the Grand prize for the 20th Annual KAM Conference be \$200.00 dollars cash given in \$20 bills. So some lucky person will be leaving the conference with \$200, but you are only eligible to win if you stay and attend the brunch and meeting on Thursday. The drawing will be held following the close of the business meeting on Thursday.

YOU MUST BE PRESENT TO WIN!

20th Annual K.A.M Conference Schedule

Monday, October 3, 2005

10:00 - 4:00	KGISP Designation Testing	Hilton Premier Room
1:00 - 5:00	KM & PKM Testing	Ambassador Room
9:00 - 5:00	CAD Class	Consulate III
5:30	Executive Board Meeting	Hilton Board Room
7:00	Auto Cad User Group Meeting	Hilton Premier Room

Tuesday, October 4, 2005

9:00 - 10:30	Conference Registration	Pre-Function Space
10:30 - 11:30	Presidential Welcome Annual Business Meeting Begins Keynote Speaker Bernie Hayen, City of Manhattan Finance Director	Salon I, II
11:45 - 1:45	Luncheon Annual KAM Awards Executive Board Nominations	Consulate I, II, III
2:00 - 2:45	Concurrent Sessions Using New Tools to Map & Manage New & Old Infrastructure Web Services & GIS Land Based Classification	Salon I Salon II MM Theater
3:00 - 3:45	Concurrent Sessions Using New Tools to Map & Manage New & Old Infrastructure Web Services & GIS Cartography & GIS	Salon I Salon II MM Theater

20th Annual K.A.M. Conference Schedule

Tuesday, October 4, 2005 Continued

4:00 - 4:45	Concurrent Sessions	
	GIS & Utilities	Salon I
	Land Based Classification	Salon II
	Cartography & GIS	MM Theater
5:30 - 9:00	Vendor Night	Salon III, IV
9:00 - 12:00	Social Time	The Tower Room

Wednesday, October 5, 2005

7:45 - 8:30	Coffee	Pre-Function Space
8:00	Conference Registration	Pre-Function Space
8:45 - 9:30	Concurrent Sessions	
	Water Resources	Salon I
	Writing a Successful Grant	Salon II
	Digital Soil Surveys: What You Need To Know About Using Them	MM Theater
9:45 - 10:30	Concurrent Sessions	
	Water Resources	Salon I
	Writing a Successful Grant	Salon II
	Digital Soil Surveys: What You Need To Know About Using Them	MM Theater
10:45 - 12:00	Brunch with Exhibitors	Salon III, IV

20th Annual K.A.M Conference Schedule

Wednesday, October 5, 2005 Continued

12:15 - 1:00

Concurrent Sessions

Emergency Preparedness, GIS, and You

Salon I

**Map Modernization: Paper Floodplains
to a Flood of GIS Data**

Salon II

GIS & Utilities

MM Theater

1:15 - 2:00

Concurrent Sessions

Emergency Preparedness, GIS, and You

Salon I

**Map Modernization: Paper Floodplains
to a Flood of GIS Data**

Salon II

Using Census Data in a GIS

Consulate III

2:15 - 3:15

**Ice Cream Sundae Bar with Exhibitors
Pick up maps from Map Gallery**

Salon III, IV

3:30 - 4:15

Concurrent Sessions

Aerial Photography, Resolution vs. Accuracy

Salon I

User-Friendly Web Based Mapping Applications

Salon II

Using Census Data in a GIS

Consulate III

**GIS\GPs Lessons Learned from the Space
Shuttle Columbia Disaster**

MM Theater

4:30 - 5:15

Concurrent Sessions

Resolution vs. Accuracy for Aerial Photography

Salon I

User-Friendly Web Based Mapping Applications

Salon II

**GIS\GPS Lessons Learned from the Space
Shuttle Columbia Disaster**

MM Theater

20th Annual K.A.M Conference Schedule

Wednesday, October 5, 2005 Continued

5:30 - 6:30	Past Presidents Reception	Tower Room
6:00	Transportation to Side Pockets (Provided by Kucera)	Hotel Lobby
7:30 - 8:30	Family Feud	Side Pockets
10:00 & Midnight	Transportation Returning to Hotel	

Thursday, October 6, 2005

8:00	Coffee	Pre-Function Space
9:00 - 10:00	Migrating to New CAMA Charlie Sowell, Moderator Melissa Newton-Blume Rod Broberg John Cowan Zoe Gehr,	MM Theater
10:15 - 11:30	Breakfast Buffet Annual Business Meeting Resumes Closing Business Session Swearing in of Executive Board Announce Map Gallery Winners Grand Prize Drawing	Presidential Ballroom

The conference is over, have a safe drive home. Go on, get out of here. Go!

Session Descriptions

Cartography & GIS - Tibi Marin

Cartography is the art of making maps. GIS is the geographic information science. When we want to display the elements of our GIS database or the results of our analysis in GIS we create maps on the screen or on hardcopy. The GIS software helps with the cartography, but much of it is still up to us. Tibi will discuss good cartographic practice in this session.

Digital Soil Surveys: What You Need To Know About Using Them - Susan Williams

Digital soil surveys are here. The old books are being replaced by the certified digital files known as the Soil Survey Geographic (SSURGO) Database. Come to this session to learn about the changes in soil survey information, and how best to migrate from the soil survey books to the SSURGO database. Topics will include discussion for counties using manual Mylar mapping, as well as counties who are using digital mapping with a GIS.

Emergency Preparedness, GIS, and You - Jessica Rose

This session will discuss how we, the "mappers", can help with emergency preparedness, response, recovery and mitigation. Topics to be discussed include Natural Disasters, Terrorism, Critical Infrastructure Protection, Foreign Animal Disease and Bio-terrorism. The connection between the state's virtual operation center, WebEOC, and the department's internet mapping system will also be explored.

GIS/GPS Lessons Learned from the Space Shuttle Columbia Disaster - Stephen Brown

In the wake of the Space Shuttle Columbia disaster, key lessons were learned about large-scale, multi-agency disaster response as it pertains to GIS and GPS. This session will tell the story of how GIS and GPS were used to predict, analyze and recover debris, scattered over 100 miles, in only 13 days. Most importantly, the weaknesses of geospatial technology will be examined and how these weaknesses can be reduced in future emergencies.

GIS & UTILITIES - Mark Dinkel

The first half of this session will discuss Wheatland Electric's data model and how it is used. The second half will discuss the sharing of data between utilities, cities, and counties.

Water Resources - Kenneth Kopp

The Division of Water Resources of the Kansas Department of Agriculture, established in 1927 by the Kansas Legislature, administers, enforces or has responsibilities under 28 Kansas laws, including the Kansas Water Appropriation Act and other statutes concerning construction of dams, levees and changes to the channels of rivers and streams within the State of Kansas. Examples of activities regulated by the Division include the drilling of wells to supply water to crops, municipalities and industries; the building of levees to protect farm land or urban areas from flooding; or the building of large dams for purposes of water supply and recreation. The Water Appropriation Program administers the Kansas Water Appropriation Act and rules and regulations pertaining to the management of the State's water resources. This program issues permits to appropriate water, regulates water use, and maintains records of all water rights in the state.

The presentation will provide an overview of the various responsibilities of the Division's Water Appropriation Program and highlight its use of GIS.

Session Descriptions

Land Based Classification - Ivan Weichert & Melissa Newton-Blume

Land Use Codes don't sound all that interesting to most people, but these simple codes are actually quite important to many functions and activities that we map everyday. New CAMA will include a modernized system of codes that are easier to use, make more sense, and take Land Use Codes to a new level altogether, that mappers must understand well to use properly.

This session will provide some background for understanding LBCS (Land- Based Classification Standards) codes, but the real way to understand the concepts, process and effective use of LBCS is an actual project. The State of Kansas has developed a State Owned Property database that probably could only be done using LBCS since most of the parcels are tax exempt and unusual in their complexity of use. This session will explain LBCS, how it is incorporated in new CAMA, and the vision for KAM's role in deploying these new land use codes as a standard across Kansas. LBCS is coming soon to a computer near you--don't miss out on what it means to you as a mapper!

Map Modernization: Paper Floodplains to a Flood of GIS Data - Rodney Odom

Flood Insurance Rate Maps (FIRMs) have traditionally been a paper product. The Federal Emergency Management Agency's (FEMA) Flood Map Modernization effort is changing that by moving to an all digital product – a Digital FIRM or DFIRM. DFIRMs will take advantage of GIS and related technologies and therefore be easier to maintain, update, and distribute. Communities, businesses, developers, and homeowners will benefit from Map Modernization because it will provide more reliable community flood hazard risk information. More accurate flood hazard information will reduce the loss of life and property for everyone.

Resolution vs. Accuracy for Aerial Photography - Cody Buhrmeister

This session will take a look at the differences in resolution and accuracy. We will cover the following important issues.

- High resolution doesn't necessarily mean high accuracy.
- Highly accurate doesn't necessarily mean high resolution.
- What factors come into play when deciding the resolution needed and the accuracy you need.
- What can affect the resolution quality and accuracy of the data?
- How new technologies in aerial acquisition and photogrammetric processes have change affecting resolution and accuracy.

User-friendly, Web-based Mapping Applications: Clues for Non-Developers

Chris Welchhans

This session will focus on creating user-friendly, web-based applications based on the ArcIMS HTML Viewer template.* Web-based applications provide the means for distributing your spatial information to users outside your organization. The ArcIMS HTML Viewer web site template includes many of the same tools and functionality found in similar desktop applications. Mapping and GIS professionals who want to offer their users something more can perform simple customizations—without a computer science degree. Topics covered in this session will include: basic concepts describing how a typical ArcIMS web site works, clues for understanding and working with HTML and JavaScript, examples of simple customizations, and issues to consider when publishing spatial information on the internet.

No programming experience is required and handouts will be provided.

Session Descriptions

Using Census Data in a GIS - Craig Best

The Census Bureau has been releasing geographic and demographic data in a digital format since the 1990 Census. Using these data in a GIS allows the user to map Census data at the census tract, block group and census block level. This session will focus on building a "GIS ready" census data set from Census Summary File CDs and joining the data to the corresponding census geography layers.

Using New Tools (GIS/GPS) to Map and Manage New and Old Infrastructure (Where Are Those Water Lines, Meters, and Valves Anyway???) - Steve Thompson

We will discuss how we:

- Use GPS to determine mapping coordinates for all of the visible components of the water system infrastructure,
- Use GIS to map those components on the most recent, highest resolution, digital ortho photo available,
- Build the GIS database including parcel lines, ownership data, and street or road network data, to help the water system staff efficiently analyze and manage the water system from that point on. We can also build GIS databases for waste water systems, storm water systems, signage, pavement management systems, electrical distribution systems, section and township corners, etc. All of these are part of some segment of our infrastructure.

Web Services & GIS - Ken Nelson

Web service technology has revolutionized how application developers and users access large databases and services in real-time without requiring a copy of the data or specialized software. DASC has implemented this technology as part of its web services initiative to provide web-based GIS application development and hosting services to state agencies, local government, and non-profit organizations. This session will include an overview of the DASC web services initiative, a description of web services technologies, examples of current projects, and how web services, and more specifically, map services, can be used within a GIS.

Writing a Successful Grant - Fred McLean

While grant writing is a skill, it is also a process. Whether you hire a certified professional or keep the function in-house, there are some key elements every workplace with a "funds from outside sources desire" needs to hear. Learn some preparation strategies and discover potential sources. I will teach a proactive approach. Even if you contract the function, you can save many dollars by doing your homework. I will have handouts, a list of potential sources and some suggested web sites. Hopefully at the conclusion of our time together we can all answer the questions...

Who will fund my idea?

How will I find them?

What will I tell them?

How do I get help?

Executive Board Candidates

Candidate for President-Elect 2005-2006

Tom Brown

I am currently the County Appraiser of Jackson and Brown counties situated in northeast Kansas. I am and have been a member of KAM since 1986. The first years, my involvement was limited to typically just mailing in my dues to support the cause. I left the county for a time to work in transportation and returned in 1996. I have attended the annual conference on a regular basis over the last 10 years and I've had the chance to meet most of the membership.

Over the last number of years, I have been elected to the Executive Board in the capacity of Director several times. I have also been involved in a number of committees including Nominations, Membership, and Conference.

Recently, during a phone call and hearing myself decline for the umpteenth time the request to throw my hat into the ring, I asked myself, "Whom could we find to lead the organization like I want it?" Eureka!!!! It's high time for Tom to step up.

I would appreciate your support in this effort. I offer to you, side by side with the elected Board, my efforts to continue our traditions, to expand our membership and enjoy with you, my friends another great year in KAM.

Candidate for Treasurer 2005-2006

Darlene Lister

I have been active in KAM since 1997. In 2000, I received the Prestigious Cartographer Award. I served on the Program Committee for 3 years, the Membership Committee for 1 year and was the Treasurer for the years 2001, 2002, 2003 and 2005. I was instrumental, during my Treasurer's terms, to start investing idol funds in Certificates of Deposit at a greater interest rate than the checking account was receiving. I served on the Executive Board as a Director in 2004 and I'm looking forward to serving as the Treasurer for 2006. I'm committed to spreading the word about KAM and the benefits of belonging to KAM to the private entities that I am in contact with on a daily basis. Since my involvement with KAM, I've made many new friends and look forward to working with the Board this next year.

I have worked for the City of Ottawa for 27 years. For the last 13 years I have been the mapping department for the City. My duties include keeping all the maps up to date with new additions, subdivisions and infrastructure as well as specialized maps as requested. This is not an easy task since we receive new preliminary and final plats, concept plans and engineering plans about every week that I review for utility conflicts. I serve as the recording secretary for the City's Development Review Committee (DRC) that meets on the 1st and 3rd Tuesday of each month. In the summer of 2004, we completed a GPS project locating all the sanitary sewer manholes using a Trimble GPS unit, ArcPad, ArcMap and GBA SewerMaster software. This summer we collected data on our Electric Distribution system including GPS the poles and inventoried all the attachments for 5 of our 11 electric circuits. Next summer we will hopefully complete the inventory of the electric distribution system.

Executive Board Candidates

Candidate for Secretary 2005-2006

Pamela (Pam) Dunham

My name is Pamela (Pam) Dunham, and I am the GIS Director for Butler County. I began my career with Butler County as a Mapping Clerk in 1986, transferred to Lyon County as GIS Coordinator in 1991, and transferred back to Butler County as GIS Director in 2000. I have worked my way up through each of the positions in the department, and enjoy my job. I was instrumental in getting the GIS layers created in Lyon and Butler Counties. When I left Lyon County, we were just entering into the maintenance phase in the Appraisal Department and were ready to do analysis, you know the fun stuff. I started over in Butler County building coverage's from scratch in Arc Info. We now have parcels, ag-use, street centerlines, and a multitude of district maps. We are currently working on voter districts, zoning districts and with E911.

I am running for the KAM position of Secretary because I believe that KAM has a lot to offer us and I would like to give back to KAM. I have always taken the benefits of KAM for granted. For the last few years, I have had my nose down building data and have lost touch with KAM. Now I realize that the contacts you create through KAM are extremely important in this field of work. Who do you call when you have a new situation? I have also realized that the education and seminars keep us looking to the future and help us prepare for what is just around the corner. Without KAM you are just an individual, together we are a team, and as a team, we can accomplish anything.

Executive Board Candidates

Candidates for Directors 2005-2006

Mark Dinkel

Mark Dinkel is the GIS Administrator for Wheatland Electric. Prior to working for Wheatland Electric, Mark was the GIS Coordinator for Finney County and Garden City. Mark graduated from KSU – Salina in 1992 with an Associates in Surveying and GIS. Mark has been a member of KAM since 2000 and currently serves on the Executive Board as a Director. Mark also serves on the Kansas GIS Policy Board, and is a member of URISA, and GITA.

Virginia Davis

My name is Virginia Davis. I am running for a position on the Board of Directors for KAM. I have been in the GIS field since re-entering K-State Salina in 1991. I graduated from K-State Salina, with a BS in Technology Management, and an AS in Surveying and GIS. I have been working for Saline County since November 1997, as the GIS Tech for the County. There have been many changes in the mapping field, and keeping those interested in how to incorporate those changes are vital to the growth of the GIS/Mapping industry. I have been a part of the Board of Directors for one year, and have been on the Program Committee for 2 years. I would appreciate your vote.

Deanna Hermreck

I am delighted to accept your offer to run for Director on the KAM Board. The position seems to be both exciting and challenging, two of the most important aspects of work to me. My experience in the county has been, in the Appraisers Office, as a Data Entry Clerk, Hearing Scheduler for Payment under Protests, filling in under the Personal Property Division, and then transferring to the Mapping Department. I am currently the Mapping/GIS Director at Miami County. I have been employed at Miami County for 16 years and I have been part of KAM for 12 years. I have served on the Membership Committee, Program Committee, and now would like the opportunity to be a Director.

While growing up, I lived in the Linn County area, and I now live in the Miami County area. I have been married for 27 years to Lee Hermreck who is also a KAM member. We are the parents of five children. Our son Russ, is currently Assistant Coach of the Paola High School Wrestling Team and a part-time student at Emporia State University. Josh is a current student at KU and Mika is a Junior at Paola High School. Our twins, Adam and Alisha are Sophomores at Paola High School. I enjoy motorcycle riding, quilting, and attending all the kid's activities.

Executive Board Candidates

Candidates for Directors 2005-2006

Jerry Mentzer

My name is Jerry Mentzer and I have been a member of KAM since 1990. I have served on the Awards Committee for several years and also the Membership Committee for a couple of years. We are seeing a great technological change in all aspects of mapping, and I think we are just beginning. I have been the Woodson County Appraiser since 1990 and we began implementing a GIS system in 1991. Through trial and error we now have a very good system and also have purchased our own GPS equipment to do our own works in that area.

I would like for KAM to grow with the technology we have seen and the tremendous amount of future technology that we are going to see. I would appreciate your vote.

Chris Morlan

Chris began working with the Sedgwick County Appraiser's Office in November 1988. He began as a Data Collector in Residential where he remained for about 1-½ years. He then spent a couple of months in Ag/Rural and was then Field Supervisor of Residential for a few years. He became a Land Modeler in 1994 and moved to GIS in late 1996. He is currently the Project Leader for the Appraisal Support Division, consisting of 15 employees.

Chris currently holds the IAAO Assessment Administration Specialist (AAS) designation, Registered Mass Appraiser (RMA) from the State of Kansas. He has been a member of KAM for 8 years, has served on the Program Committee, and is working towards the KGISP designation. Chris is the current President of the South Central Kansas Regional Chapter of IAAO and has been active with that chapter for over 10 years.

Chris' first interest is his family; they give him his greatest joy. Theresa and Chris have three wonderful children – Dylan, Amanda, and Cassity. Chris enjoys scuba diving – especially in Cozumel (he has only been there once and that is definitely not enough). He has been a certified diver for 28 years. A lot of his time in the water has been spent doing competition spear fishing. He enjoys hockey and football.

George Overton

George was the Trego County Appraiser from 1989 to 1995. He then went to Thomas County where he is currently serving as the Deputy Appraiser and the Mapper. He has been a member of KAM since 1991 and holds the KM designation.

Speakers

Keynote Speaker

Bernie Hayen began his second tenure with the City of Manhattan in November of 2000 when he was appointed Finance Director. He also served as Finance Director from 1982 to 1984. Most recently Bernie served as Deputy Director and Business Manager for the League of Kansas Municipalities.

Mr. Hayen holds undergraduate and graduate degrees from all three major state universities in Kansas: a BA from the University of Kansas, an MBA from Wichita State University, and an MPA from Kansas State University. While at KSU, he taught Business and Government Ethics, Organizational Behavior, and Public Administration. Mr. Hayen is a very entertaining speaker.



CAD Class Instructor

Bryant Quinney has been in the professional engineering design industry for 10 years. During this time, he has been involved in numerous phases of project development from being an instrument person in the field, survey technician, draftsman, designer, and non-licensed civil engineer. Mr. Quinney has an in-depth knowledge and use of CAD software, and has most recently been the CAD Manager for a large Dallas area civil firm. His knowledge and experience includes AutoCAD, Land Desktop, Map, Raster Design, Civil 3D, HEC-RAS, Civil, Survey, and other third party Mapping/GIS applications.

Session & Panel Discussion Speakers

Craig Best received a Bachelor of Science in Geography from the University of Missouri – Kansas City in 1983. He began working for the Kansas City Regional Office of the Census Bureau in 1984 as a geographic assistant responsible for updating the maps used for the initial development of the Topologically Integrated Geographic Encoding and Referencing System, or TIGER. He was promoted to geographer in 1986 and was the project manager of all map production and TIGER digitizing operations in Arkansas, Iowa, Kansas, Minnesota, Missouri and Oklahoma for the 1990 Census.

After a 3 ½ year post-Census assignment in the Denver Regional Office, Craig returned to Kansas City and was promoted to Geographic Coordinator in 1996. In this position, Craig had the overall responsibility of all geographic activities in the six state region for Census 2000. Currently, Craig focuses his efforts on local government entity programs including the MAF/TIGER Accuracy Improvement Program.

Craig is a recipient of two of the Census Bureau's highest awards; the Bronze Medal in 2001 and the Director's Award for Innovation in 2002.

Melissa Newton-Blume, PKM, is an Appraiser and GIS/Cadastral Specialist with the Kansas Department of Revenue, Division of Property Valuation. She is currently involved with conversion and implementation issues related to the new Computer Assisted Mass Appraisal program to which the counties will be migrating. Melissa also teaches cadastral mapping classes for the Division. She is a Past President of the Kansas Association of Mappers, Chair of the Education Committee and a member of the Nomination Committee. Additionally she serves as a member of the Steering Committee for the Mid-America GIS Consortium.

Speakers

Rod Broberg is the current Appraiser for Saline County. He has been a County Appraiser for 26 years. He is Past President of the Kansas County Appraiser's Association and has both RMA and CKA designations, and is a Kansas Certified General Appraiser through the Kansas Real Estate Appraisal Board.

Dr. Steve Brown is the Director of Kansas State Research and Extension at Brown County, Kansas. At the time of the Space Shuttle Columbia disaster, he was Director of the University of Texas at San Antonio's (UTSA) Environmental Spatial Analysis Laboratory. He led the GIS mapping team for the Hemphill, Texas section of the recovery effort.

Cody Buhrmeister began his career in the GIS and Mapping world at Jackson County Missouri, upon graduating from Northwest Missouri State University, in Maryville, Missouri with a degree in Geography. Working with Intergraph's MGE (Modular GIS Environment) platform Cody populated the database with parcel information, digitized, edited and worked with aerial imagery as part of the County's developing GIS.

Cody joined Western Air Maps as a stereo compiler. His knowledge of Intergraph products and aerial photography interpretation skills made the transition from GIS to photogrammetry a smooth one. During his time as a compiler, Cody's task was to collect planimetric and topographic data stereoscopically on projects ranging from simple 40 acre contour jobs to city/county GIS base map production. During this time, he gained more knowledge in Microstation, AutoCAD, and other mapping software.

Cody later made the transition to Client Consultant for Western Air Maps. Cody is tasked with furthering relationships with existing clients, establishing them with future clients, and educating whenever possible. His previous knowledge of CAD packages and GIS software allow him to bring great knowledge to clients. Cody recently added to his knowledge by completing ArcGIS training in 2002.

Cody has presented at a variety of conferences and events throughout the Midwest, including NACO, ILGISA, MAGIC, IDEA, KAM, MMA, IACO, and others.

John Cowan

Graduate of Kansas State University - Architecture
Researcher/Instructor KSU 2 years
City of Manhattan Community Development 3 years
Riley County GIS Coordinator 22 years
Member of KAM since it's inception
Former KAM President

Mark Dinkel is Wheatland Electric's GIS Administrator. Mark is a member of the KAM Board of Directors, and a member of the Kansas GIS Policy Board. Wheatland Electric Cooperative, Inc. is a not-for-profit rural electric company in Western Kansas. Wheatland was formed in 1948 and currently serves over 40,000 customers.

Zoe Gehr is an Appraiser with the Division of Property Valuation at the Kansas Department of Revenue. Zoe hold a B.S. in Economics and Agricultural Economics and a M.S in Statistics all from Kansas State University. She joined the PVD in 1993 as a Research Analyst for CAMA, and is currently the Agricultural Land Use Value Coordinator for the State of Kansas. As the Use Value Coordinator, her responsibilities include working with Kansas State University and Kansas Agricultural Statistics in the production of the annual agricultural land values. Research is continually being conducted in the Use Value project in an effort to maintain fair and equitable land values. Recently, Zoe has focused her attention on developing and testing the Agricultural Land Valuation Module in Orion.

Speakers

Kenneth Kopp began working for the Division of Water Resources in the summer of 1993, as a hydrologist in the New Applications Unit of the Division of Water Resources, Kansas Department of Agriculture. Ken was raised on a farm near Marysville, Kansas. He holds a B.S. Degree in Earth Science from Emporia State University, where he was first introduced to GIS and Remote Sensing. Ken is a Licensed Geologist in the State of Kansas. Ken currently works as an Environmental Scientist III, working on special projects for the Chief Engineer and Water Appropriation Program Manager.

Tibi Marin

Earned Degrees: BS in Earth Sciences, Biology chemistry and Physics, Pedagogical Institute of Caracas, MA In Education and Geology, University of Nebraska Lincoln

ED.S, in Education and Life Sciences, University of Nebraska Lincoln, Have completed all the course work towards a Ph.D in Educational technology, mechanical engineering, geography and geology at Kansas State University, in the process of working on the dissertation.

Areas of Expertise: Environmental geologist; Remote sensing applications to geology, agriculture, natural resources and planetary geology; GIS applications to geology and geography and medicine

Medical geology

Medical terminology and medical interpretation

Applications of remote sensing to mining and ore deposits,

NASA applications of remote sensing to environmental changes caused by natural disasters such as volcanoes, hurricanes, landslides, earthquakes, and landslides mitigations,

Experience in field work in analyzing the impacts of landslides in human health and environmental impacts, as well as those caused by Tsunamis, volcanoes and earthquakes.

Fred McLean has been writing grants since computers were called typewriters. He is currently the Director of Development and Community Relations at Good Samaritan Health Ministries in Wichita, Kansas. Good Samaritan is a safety net clinic; a faith-based medical/dental ministry of World Impact, Inc.

Fred is the Chair of SCAMU, the Sedgwick County Association for the Medically Underserved, a coalition of organizations concerned about health care to the poor, President of (KPGA), the Kansas Professional Grants Association, a grant reviewer for Community Development Block Grants, a health care technical advisor for Faith-based Capitol Compassion grant recipients, and a member of the Association of Fundraising Professionals (AFP). Fred graduated from Southwest Baptist University in Bolivar, Missouri, has a mini MBA from Wichita State University Barton School, and a certificate of appreciation for putting his wife of 33 years through her masters program.

Kenneth A. Nelson is the manager of the Data Access & Support Center (DASC) and GIS Coordinator at the Kansas Geological Survey (KGS). Ken has been at KGS since May, 1995. He graduated from the University of Kansas with Bachelor of Arts degrees in Geography and Environmental Studies in 1993. Ken's responsibilities at KGS include supervising the daily operation of DASC, including GIS web application development, database distribution, and contract and grant management. Ken provides technical leadership for the organization and coordinates the implementation of new database and web technologies.

Rod Odom has worked for Watershed Concepts since 2004 as GIS Supervisor for the Kansas City office. He is supervising map production for FEMA Flood Insurance Studies and serves as GIS Market Director. Rod is a native Kansan and a graduate of the University of Kansas. His career has taken him through positions in federal, state and local governments as well as private enterprise. Rod is Past President of the Kansas Association of Mappers and is currently serving as the MidAmerica GIS Consortium's (MAGIC) 2006 Symposium Chair.

Speakers

Amber S. Reynolds began her career at DASC in November, 1995. She received a B.A. in Anthropology from the University of Kansas in 1997, and is currently pursuing a Masters degree in Geography from KU. As the Web Portal Manager, she leads the web application development including cartographic and graphic design and layout, ColdFusion web development, and ArcIMS development for the Kansas Geospatial Community Commons (KGCC).

Jessica Rose Jessica Rose is a 1999 graduate of The University of Toledo in Toledo, Ohio. She received her Bachelor of Arts in Geography and Planning with an emphasis in Geographical Information Systems. She continued with Masters Studies at the University of Toledo, also in Geography and Planning with an emphasis in remote sensing. As a graduate student she taught a Introduction to GIS laboratory and was a research assistant in remote sensing. She has completed ESRI's "Solving Disaster Management Problems using ArcGIS" and has a certificate of training for the Kansas Bureau of Investigation's Agri-Bio Terrorism in Kansas.

Jessica has been employed by the Kansas Adjutant General's Department since September 2002. In September of 2003, she was designated as the Kansas Homeland Security GIS Coordinator by the Adjutant General. Under the Adjutant General's Department, she works with the Kansas National Guard, including the 73rd Civil Support Team and the Kansas Division of Emergency Management. Ongoing projects include implementation of an enterprise GIS for the Adjutant General's Department, development of a Foreign Animal Disease GIS, Bioterrorism GIS, Radiological GIS, and the "Kansas Emergency Response GIS" for utilization by all county emergency managers and responding state and federal agencies.

Jessica serves as the Adjutant General's GIS liaison between state agencies for emergency response, prevention, preparedness, and mitigation. She also serves on the Kansas GIS Policy Board's Technical Advisory Committee, the GIS Policy Board's Local GIS Subcommittee, and the Heartland HUG (Hazus User Group) Steering Committee.

Jessica has professional memberships in the Kansas Association of Mappers, Association of American Geographers, Gamma Theta Upsilon Zeta Xi Chapter and the Golden Key National Honors Society.

Jessica and her 4-year-old son, Gabriel, reside near Overbrook.

Charlie Sowell has been in the mass appraisal profession for 25 years. He has a degree in Real Estate Appraisal and joined the Property Valuation Division (PVD) of the Kansas Department of Revenue in 1986. Charlie has been involved with the Kansas Computer Assisted Mass Appraisal (KSCAMA) system in various capacities since that time. He became manager of the KSCAMA section in 1994 and also serves as Project Manager for the New CAMA system.

Speakers

Stephen R. Thompson, P.E., is a KSU-Manhattan grad (1972) with a Bachelor of Science degree in Civil Engineering and 18 credit hours of graduate study in Civil Engineering. Steve has been a licensed Professional Engineer in Kansas since 1976. From 1972 to 1982, he was a design engineer and project engineer for Wilson & Company, Engineer's & Architects, Salina, Kansas, where he helped design highways, drainage systems, and flood control and water supply dams in the U.S., as well as highways in Saudi Arabia, and an airfield in Egypt.

From August 1982 to May 2004, Steve was a Professor at KSU-Salina. During his tenure at KSU-Salina, Steve taught Math, Computer Science, Surveying, and Civil Engineering Technologies. Steve was Section Head for Civil Engineering Technology from 1991 to 1994. In 1990, Steve established the first Global Positioning System (GPS) Base Station for the State of Kansas at KSU-Salina. That same year, with a grant from the National Science Foundation (NSF), Steve began the first GIS/GPS Associate Degree option (also the first undergraduate GIS/GPS degree option) in the nation at KSU-Salina. From 1991 to 1998, Steve served as a grant reviewer for the NSF, helping them determine which GIS/GPS grant proposals to fund nationally. Steve and his students operated the GPS Base Station and provided GIS/GPS technical support for the State of Kansas from 1990 to 2003. They also conducted numerous GPS/GIS applied research projects during that time for local, state, and federal government, and the private sector totaling \$1.4 million.

Steve is now a GIS/GPS consultant working with KS Rural Water Association, several cities and counties in Kansas.

Ivan Weichert serves in Kansas government as the State Geographic Information Systems (GIS) Director assigned to the Kansas Information Technology Office in Topeka. In public service since 1993, Ivan previously served as a GIS Analyst for the Kansas Department of Health and Environment, and as Interim IT Director for Shawnee County Kansas.

Ivan's commitment to state and local mapping issues began in the mid 1990s, when he served as Chairman of the State GIS Standards Task Force and continues today with his involvement in a variety of local, state, regional and national initiatives; serving as Past President of the Kansas Association of Mappers (KAM), Corporate Secretary of the MidAmerica GIS Consortium (MAGIC), and as a member of the National States Geographic Information Council (NSGIC) and Federal Emergency Management Agency (FEMA) Liaison Committee.

Chris Welchhans received his bachelor's degree in Geography from Kansas State University in 1997. After graduating, he stayed in Manhattan and worked in the Geographic Information Systems Spatial Analysis Laboratory (GISSAL) and as an intern for the Riley County GIS Division. In 2000, Chris moved to Kansas City, Missouri, and began working for a small consulting firm as a software developer, specializing in GIS applications. While there, he had the opportunity to work on desktop and web-based applications, including applications based on the first release of ArcIMS. During the summer of 2001, Chris accepted the GIS Programmer position at the City of Olathe and is currently employed there. His primary responsibilities include the development of customized applications, with emphasis on web-based, ArcIMS applications.

Susan R. Williams, PKM, KGISP, began working for the State of Kansas, Department of Revenue, Division of Property Valuation in February of 1986. She served as a Regional Cartographer through the Reappraisal Program, participated in the development and instruction of all PVD mapping courses, and worked as the GIS Coordinator for the division. Her specialties include cadastral mapping, photography and GIS. Susan is a charter member of KAM and has served as President, Treasurer, Education Chair,