Seventeenth Annual KAM Conference Program

HOMELAND MAPPING

Kansas Association of Mappers

September 30 - October 3,2002

Wichita Airport Hilton, Wichita, Kansas

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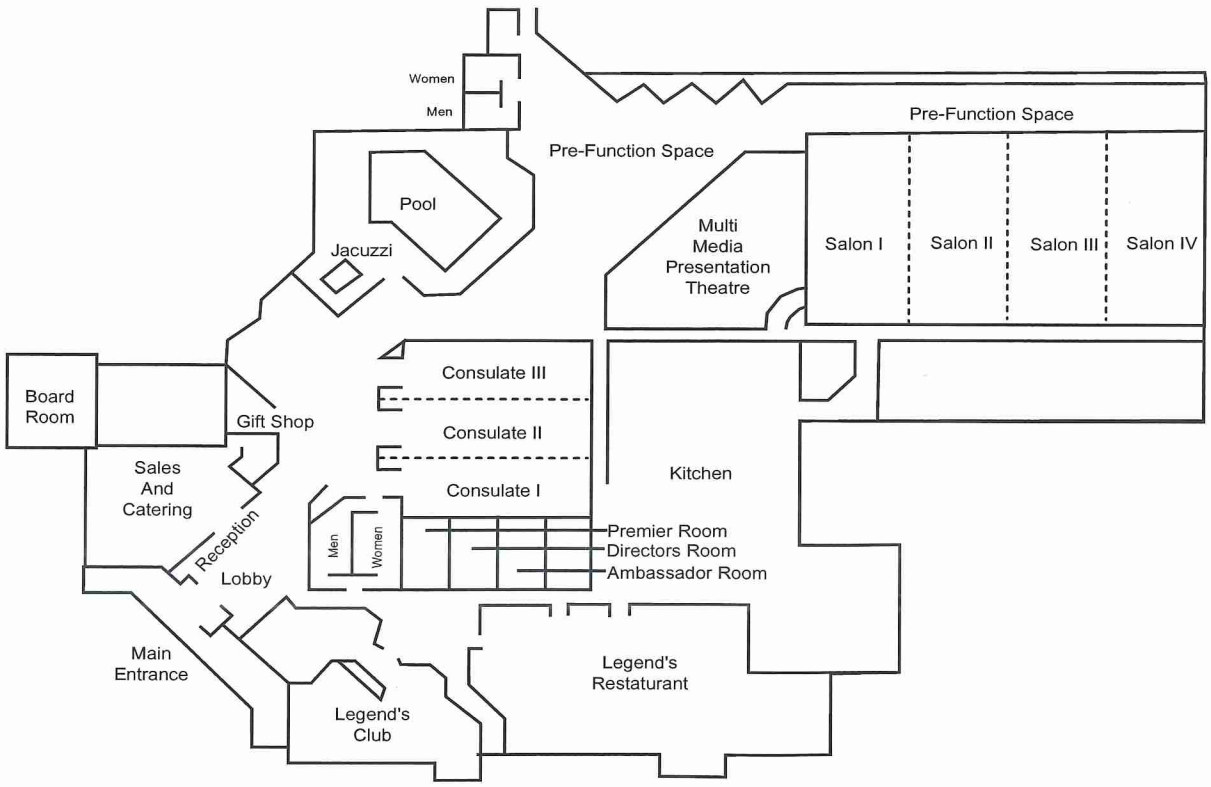
KAM Conference Welcome

Welcome to the Seventeenth Annual Kansas Association of Mappers Conference. Carol Kriebs and the Program Committee have planned an exciting conference for us this year. We start off with our keynote speaker, one our favorites and a fellow KAM member, Rick Norejko. Then after lunch we are privileged to hear Connie Hoch give a talk on "Prescription Laughter". These next days are filled with many educational sessions on the latest issues in cadastral and GIS mapping. The slate is filled with many knowledgeable and interesting session speakers whom I am sure will send us home excited about the new information we have learned. And of course the food will be excellent. We will again be having the Wednesday morning brunch and the afternoon ice cream social, two events which rated high on our survey last year. Tuesday night we will have the Tower Room all to ourselves, and Wednesday evening we can dance to the music of the Crawdaddies. The Crawdaddies play rock, country, and hillbilly music and throw Marti Gras beads into the crowd. They are such a fun band, who knows I might even get up there and join them.

But don't forget KAM's best asset, the members. Our membership is a diverse group of people with much knowledge. Do some networking, meet some new people, and learn everything you can learn at this conference. This conference will definitely be a fun filled educational experience.

Judy Palenske
President

Hilton Wichita Airport Executive Conference Center



A Special Thank You

KAM would like to thank everyone who has contributed to this year's conference. Without our speakers, benefactor and exhibitors, the conference would not be possible.

Map Gallery

Be sure to stop by the Map Gallery and see your fellow KAM member's projects. The Map Gallery is located in the Exhibit Hall (Salon I & II)

The Grand Prize

KAM is giving away a Palm Pilot on the last day of the conference. To be eligible for the Grand Prize, complete the "Grand Prize Registration Form" which is included in your conference materials. Please drop your completed form in the Grand Prize drawing box, which will be located at the registration table, by 1:30 PM on Wednesday. Please be courteous and do not interrupt exhibitors to receive a signature!

YOU MUST BE PRESENT ON THURSDAY TO WIN

The Crawdaddies

Music That Makes You Dance!
Country-Rock-Hillbilly

Join the fun Wednesday night and dance with the Crawdaddies. They sing a variety of music and instruments and are very entertaining. If you're a good catch you might even go home with some Mardi Gras beads.

2002 Program Committee

Carol Kriebs, Chair
Shawnee County

Duanette Baker
Jefferson County

Eileen Battles
DASC

Stephen Daw
SKW

Chris Morlan
Sedgwick County

Judy Palenske
Shawnee County

Linda Sibert
Shawnee County

Ivan Weichert
KITO

Chris Welchhans
Johnson County

CONTINUING EDUCATION

Continuing education certificates will be available to KAM Members at the end of each session. All sessions at the conference will count for KM and PKM re-certification points and the following sessions will also count toward the RMA designation points:

Address Databases, Road Centerline Maps & You the Mapper
Addressing in NewCAMA
Data Conversion-The Process From Manual to Digital
Emergency Data Repository
GIS Designation
Got IMS?
GPS Part 1-Intro to GPS
GPS Part 2-Hands on GPS
Mobile GIS
(NEKES)Northeast Kansas Environmental Services
NewCAMA Updates
Soil Surveys and GIS Soils Data
Using Soils Data in GIS
State Wide Aerials
The National Map

Please remember to put your name on your certificates and give them to Tresa to receive credit for you designation points. If you have certificates from the past that you have not turned in, you may send them to the KAM mailbox at P.O. Box 2518 Topeka, KS 66601 to receive your credit. Remember, to maintain your KM or PKM designations you need a minimum of 45 points within a 5-year period. If you wish to acquire continuing education points for your Registered Mass Appraisal (RMA) designation, you may submit the certificates to Marilyn Cathey at PVD.

Seventeenth Annual KAM Conference Schedule

Monday, September 30, 2002

8:00 a.m.- 5:00 p.m.	Fundamentals of Microsoft Access	Wichita Area Technical College
	USGS National Hydrology Dataset Workshop	City of Wichita Training Center
1:00 p.m.	Designation Testing	Hilton Premier Room
6:00 p.m.	Board Meeting	Hilton Board Room
	Autodesk/Map Users Group Meeting	Hilton Premier Room

Tuesday, October 1, 2002

8:00 a.m.-10:00 a.m.	Conference Registration	Pre-function Area
10:30 a.m.-12:00 p.m.	Presidential Welcome	Consulate I, II, & III
	Keynote Address by Rick Norejko CMS–Buncombe Co Planning Department	Consulate I, II, & III
12:00 p.m.-2:00 p.m.	Luncheon • Annual KAM Awards • Executive Board Nominations • Luncheon Speaker *"Prescription Laughter" Connie Hoch-Lyon County Family & Consumer Sciences Agent*	Salon III & IV
2:30 p.m.-3:30 p.m.	Concurrent Sessions	
	Vendor Tract—Western Air Maps	Consulate I
	"Tiger Modernization in Kansas" *John Flack, US Bureau of Census*	Multimedia Presentation Theater
	"Addressing in New CAMA" *Melissa Newton-Blume PKM, PVD*	Consulate II
	"GIS Designation" *Trisha Brush, Northern Kentucky Area Planning Commission*	Consulate III
3:45 p.m.-4:45 p.m.	Concurrent Sessions	
	"Tiger Modernization in Kansas" *John Flack, US Bureau of Census*	Multimedia Presentation Theater
	~~"New CAMA"~~ ~~*Charlie Sowell, PVD*~~ Rick Miller Evan Wysart	Consulate II
	"Got IMS?" *Chris Welchhans, City of Olathe, KS*	Consulate III
6:00 p.m.-8:00 p.m.	Exhibitor Reception & Map Gallery *Drinks, Hors d' oeuvres, Door Prizes* *Exhibitor Introductions*	Salon I & II
8:00 p.m.-?	Social Time *Cash Bar*	The Tower Room

Seventeenth Annual KAM Conference Schedule

Wednesday, October 2, 2002

8:30 a.m.– 9:30 a.m.	Concurrent Sessions	
	Vendor Tract	Consulate I
	"The National Map" *Mark Coppersmith, USGS*	Multimedia Presentation Theater
	"Got IMS?" *Chris Welchhans, City of Olathe, KS*	Consulate II
	"Mobile GIS" *Jeff Durand and Robyn Wilson, SKW*	Consulate III
9:40 a.m.-10:40 a.m.	Concurrent Sessions	
	Vendor Tract—Seiler Instruments	Consulate I
	"The National Map" *Mark Coopersmith, USGS*	Multimedia Presentation Theater
	""Crime Analysis" *Carol McCoy, City of Olathe, KS*	Consulate II
	"State Wide Aerials" *John Dunham, DASC*	Consulate III
10:45 a.m.	Brunch with Exhibitors	Salon I & II
	• Vote on Board members	
12:00 p.m.-1:00 p.m.	Concurrent Sessions	
	"Soil Surveys and GIS Soils Data: Historical and End-User Perspectives from STATSGO to Soilslight" *Richard Sleezer, Assistant Prof. ESU Earth Science Department*	Multimedia Presentation Theater
	"GPS How-To" Part I *Steve Thompson P.E. , KSU Salina*	Consulate II
	"GIS Certification" *Trisha Bush, Northern Kentucky Area Planning Commission*	Consulate III
1:15 p.m.-2:15 p.m.	Concurrent Sessions	
	"Using Soils Data in GIS: Tax Assessment and Environmental Applications for SSURGO and Soilslight" *Richard Sleezer, Assistant Prof. ESU Earth Science Department*	Multimedia Presentation Theater
	"GPS How-To" Part II *Steve Thompson P.E. , KSU Salina*	Consulate II
	"Hosting Successful GIS Day Activities" *Panel Discussion moderated by Ed Crane, ESRI*	Consulate III
2:15 p.m.-3:00 p.m.	Ice Cream/Sundae Bar with Exhibitors	Salon I & II

Seventeenth Annual KAM Conference Schedule

3:00 p.m.-4:00 p.m.	Concurrent Sessions	
	"Soil Surveys and GIS Soils Data: Historical and End-User Perspectives from STATSGO to Soilslight" *Richard Sleezer, Assistant Prof. ESU Earth Science Department*	Multimedia Presentation Theater
	"Data Conversion—The Process from Manual to Digital" *Chuck Firquaine, Johnson County Rural Water District 8*	Consulate II
	"Homeland Defense" *Ed Crane KM, ESRI*	Consulate III
4:15 p.m.-5:15 p.m.	Concurrent Sessions	
	"Using Soils Data in GIS: Tax Assessment and Environmental Applications for SSURGO and Soilslight" *Richard Sleezer, Assistant Prof. ESU Earth Science Department*	Multimedia Presentation Theater
	"Data Conversion—The Process from Manual to Digital" *Chuck Firquaine, Johnson County Rural Water District 8*	Consulate II
	"Homeland Defense" *Ed Crane KM, ESRI*	Consulate III
8:00 p.m.-Midnight	KAM Entertainment—The Crawdaddies *Country & Rock Music* *Cash Bar*	Saloon I, II, III

Seventeenth Annual KAM Conference Schedule

Thursday, October 3, 2002

9:00 a.m.-10:00 a.m.	Concurrent Sessions	
	"Mobile GIS" *Jeff Durand and Robyn Wilson, SKW*	Multimedia Presentation Theater
	"Emergency Data Repository?" *Eileen Battles, DASC*	Consulate II
	"Address Databases, Road Centerline Maps & You the Mapper, Part I" *Ed Crane KM, ESRI*	Consulate III
10:15 a.m.-11:15 a.m.	Concurrent Sessions	
	NEKES (Northeast Kansas Environmental Services *Jeff Durand and Robyn Wilson, SKW*	Multimedia Presentation Theater
	"State Wide Aerials" *John Durham, DASC*	Consulate II
	"Address Databases, Road Centerline Maps & You the Mapper, Part II" *Ed Crane KM, ESRI*	Consulate III
11:15 a.m.-2:00 p.m.	Luncheon	Salon I & II

Annual Business Meeting Resumes

- ***Announcement of New Executive Board***
- ***Swearing in of Executive Board***
- ***Grand Prize Drawing***

SESSION DESCRIPTIONS

Address Databases, Road Centerline Maps & You the Mapper

Ed Crane KM, ESRI

Every community seems to be more focused now on creating a reliable map of streets and addresses. If not for 911 or disaster response, for the simple reason that it is one of the most useful information resources that government uses each day. This workshop will survey the processes, content and applications of a modern digital address/streets database and what it takes to keep it current and useful for a broad range of users everyday.

Addressing in NewCAMA

Melissa Newton-Blume PKM, PVD

This session will review the way situs address fields will look in the NewCAMA database and offer some tips on how the county can clean up the current KSCAMA situs address fields to make the data conversion process less painful. Also included is general discussion on the importance of addressing, who maintains them, addressing standards, etc.

Crime Analysis

Carol McCoy, City of Olathe

Community problem oriented policing seeks to intervene with crime and other social disorder problems using any number of innovative program approaches. This includes the use of Geographical Information Systems (GIS) to aid in the analysis of crime and other social indicators of crime as they relate to crime prevention and problem solving. Geographic Information Systems represent strong visualization and data integration tools. They provide the functionality to perform anything from automated pin mapping to providing management support for personnel deployment and redistricting. However, many Police Departments are unaware of what GIS is and how it can help them.

Data Conversion-The Process from Manual to Digital

Chuck Firquain, Manager GIS, Mapping & Drafting,Water District No1 of Johnson County, KS

WaterOne's approach to conversion of their manual / AutoCAD mapping system to an ESRI – ArcGIS enterprise wide mapping system. Including a step-by-step, plus a few miss-steps, look at the data conversion process required to convert 70 plus years of water distribution system and customer records into an efficient and user friendly GIS.

Emergency Data Repository

Eileen Battles, DASC

Natural and unnatural disasters can strike any community at any time. GIS is increasingly called upon to supply data, information, and maps immediately after such an event. However, how would that be possible if your GIS facility with all of your data was damaged? DASC would like to present the idea of using our organization as an emergency data repository for local and county government data.

GIS Designation

Trisha Brush, Northern Kentucky Area Planning Commission

The phenomenal boom in the myriad uses for Geographical Information Systems (GIS) within the last five to six years has resulted in a quality control problem. Many GIS data are of poor or questionable accuracy. Thus, there is an ongoing debate in GIS circles, which focus upon whether or not GIS professionals should be certified. Part of the discussion includes the necessity for establishing GIS professional standards and GIS as a profession. Therefore, determining the importance of a certification program for GIS professional is timely and relevant.

Got IMS? The what, why, when, where, and how of Internet Mapping Server software

Chris Welchhans, City of Olathe

The term IMS, which stands for Internet Mapping Server, is often used in reference to a single, popular software package used to build interactive maps on the Internet. Whether your organization is just beginning to consider using an IMS solution or is currently using this technology to publish maps, this session is for you. We will discuss: what IMS software is and what it does, why you should or should not be using IMS software, when you should implement IMS applications, where you can find IMS software, and how to get started-hardware, software, and other considerations. In addition, we will look at some examples of internal and external IMS applications. No previous IMS experience necessary.

GPS Part 1-Introduction to GPS

Stephen Thompson,P.E., KSU Salina

This session will be part 1 of a two-part session on GPS. It will be an introduction to GPS terminology, methods, accuracies, coordinate systems, projection, and datums.

GPS Part 2-Hands on GPS

Stephen Thompson, P.E., KSU Salina

This session will let you take the knowledge you learned in the first session and actually see try GPS. There will be several different GPS receivers, which will be taken outside and tried out.

Homeland Defense and GIS/Mapping Applications

Ed Crane KM, ESRI, Prairie Village, KS

Every community has a vested interest in protecting its population and vital assets from both natural disasters and the potential for terrorist attack. GIS and mapping can play a significant role in accounting for physical assets, supporting disaster-planning efforts, and in recovery should the unthinkable happen in your community. Learn what typical applications are done by mapping/GIS staffs around the country and what resources are available for you to use as you set up similar capabilities in your community.

Hosting Successful GIS Day Activities at Work and in Your Community-Panel Discussion

Moderator: Ed Crane KM, ESRI

Panelists: (to be invited)
Mark Dinkel-Finney County/Garden City GIS Coordinator
Jay Heermann-Johnson County AIMS
Dr. Richard Lisichenko-Ft. Hays University
Tom Shafer-Ft. Hays University
Amber Schultz-Data Access and Service Center (DASC)
Linda Sibert-Shawnee County GIS Coordinator
Kyle Tjelmeland-City of Topeka GIS Coordinator
Lori Wilkerson-City of Wichita GIS Manager

GIS Day is an annual initiative to educate students and citizens about GIS and the importance of geography to their everyday lives. Panelists will discuss their successful efforts, share some tips for what works and what doesn't to show off the importance of geographic information to students, to fellow workers, and to citizens on this special day each year.

Mobile GIS

Jeff Durand and Robyn Wilson, SKW

This session will be an introduction to using Mobile GIS Technology to access and transfer spatial data using handheld PDAs, cell phones and laptops.

NEKES (Northeast Kansas Environmental Services)

Jeff Durand and Robyn Wilson, SKW

ArcIMS offers effective solutions for remote-data-sharing and remote-data-access -- IF you can connect to the website from the field. But, what about rural areas where wireless technologies are not yet available? See how Northeast Kansas Environmental Services and Robyn. addressed this issue together with the implementation of a mobile application that works offline, allowing inspectors to collect field data with ArcPad, and then seamlessly upload the data to the website, as soon as they establish a connection to the internet again.

New CAMA Updates

Charlie Sowell, PVD

This session will be a review of the progress to date on the NewCAMA system, the key features of the new system, data conversion and implementation issues, and the system architecture and platform. Charlie says that New CAMA has taken on a new "hue" during the last year.

Soil Surveys and GIS Soils Data: Historical and End-User Perspectives from STATSGO to Soilslight

Richard Sleezer, Assistant Professor, Emporia State University

Soil surveys are one of the most commonly used GIS datasets but few GIS users outside of the soil science community understand how they are created, how they should best be used, and how difficult it has been to convert them from the original paper products to usable GIS datasets. This session will explain how soil surveys are created, provide some historical perspective on how GIS datasets derived from soil surveys have evolved in Kansas, and provide some simple examples of their use.

Using Soils Data in GIS: Tax Assessment and Environmental Applications for SSURGO and Soilslight.

Richard Sleezer, Assistant Professor, Emporia State University

This session will describe the availability of and the information contained in the SSURGO and Soilslight GIS databases. Appropriate uses and limitations of these databases will be discussed. Potential problems associated with database updates and remapping will also be discussed. Specific examples of real world applications using these datasets for environmental and tax assessment purposes will be presented.

State Wide Aerials

John Dunham, DASC

The State of Kansas is working with a private vendor in the production of second-generation 1:12,000-scale, 1-meter digital orthophoto quarter-quadrangles (DOQQ) for Kansas. The Kansas Information Technology Office (KITO) is overseeing the project and the Data Access and Support Center (DASC) is providing quality control and image-processing services. This talk will include discussion of the characteristics of the new imagery, the USGS quality-testing procedures used by DASC, and progress of the project, including availability of imagery.

The National Map

Mark Coppersmith, US Geological Survey

The National Map is being developed by the USGS to address the ever-evolving need for basic geospatial data and maps. The National Map concept proposes to develop, by 2010, a continually maintained database of basic spatial data that is current, accurate, and consistent. It will form the basis for integrating, sharing and using spatial data easily and consistently. Creating and maintaining the National Map will be accomplished through partnerships and business arrangements with other organizations and agencies. This presentation will focus on the National Map concept, development, and database content.

Tiger Modernization in Kansas

John W Flack, US Census Bureau

In order to fulfill the Census Bureau's mission to be the permanent collector and provider of data about the people and economy of the United States, the Bureau has embarked on an ambitious program to modernize TIGER. The first step in this process is to improve the positional accuracy of TIGER, and the preferred strategy that the Bureau wants to employ is the utilization of local GIS data. Many local government agencies have developed or acquired very accurate GIS data, and the Census Bureau does not want to duplicate these efforts. In order for the bureau to develop a county-by-county plan of Modernized TIGER, we first need to inventory all of the GIS data that may potentially be used for coordinate enhancement of TIGER. John will show the current findings of this inventory and explain how the findings will affect our methodologies. He will also explain the current situation for counties in Kansas where local data has been acquired. He will explain the partnership process and the current projections for completion of the coordinate enhancement of TIGER, as well as some other objectives of the MAF/TIGER Modernization program. John will explain how local government benefits by sharing their geo-spatial data with the US Census Bureau, and he will talk about their expectations for the future update operations and partnership opportunities. Finally, John will talk about how TIGER will be used by other Federal agencies, such as the DOT and USGS, to meet their needs for accurate and timely data.

Biographies

Keynote Speaker

Rick Norejko CMS has been a KAM member since 1995. Rick is the Senior Chair for the 2003 CAMA/GIS Conference sponsored by IAAO and URISA. In 2001 he received the IAAO Member of the Year award. He is an instructor for IAAO mapping courses and helped develop the new IAAO 601 "Cadastral Mapping Methods and Applications". Rick has been employed with Buncombe County, NC as the Land Records Director and currently he is a Planner for the Bumcombe County Planning Department. He plans on giving a humorous rendition of the history of KAM and a talk on how to deal with stress in these perilous economic times.

Luncheon Speaker

Connie Hoch has a Bachelor of Science degree in Home Economics from Fort Hays University, Hays Kansas with additional course work from the University of Wyoming and the University of Northern Colorado. She has taught in the public schools at the middle and high school level in Kansas and Wyoming before entering her current position as an educator with K-State Research and Extension. Connie was selected as a horizon winner by Epsilon Sigma Phi, the National Honorary Extension Fraternity and is a member of the Kansas Extension Association of Family and Consumer Science Agents, having served as state president in 1997. Currently Connie is a member of the Kansas Health Foundation Community Leadership Initiative and past state president of Epsilon Sigma Alpha, a philanthropic and educational sorority. She has been a True Colors Trainer since 1998.

Session Speakers

Trisha Brush is the GIS Manager for the Northern Kentucky Area Planning Commission (NKAPC). Trisha has seven years experience in GIS and four years in management. Trisha came from Miami County, Kansas where she was their GIS Coordinator for the last five years and built their GIS from the ground up. She has a bachelor's degree from the University of Cincinnati in Geography, and a Master's in Business Administration (MBA) from Baker University in Kansas. Trisha is a member of URISA and she also had an article featured in the 1999 fall issue of ArcNews.

Mark Coppersmith is a cartographer with the National Mapping Discipline in the Mid-Continent Mapping Center in Rolla, Missouri. He graduated from Southern Illinois University in Edwardsville with his Bachelor's degree in Earth Science. Mark's Federal career started when he began working for the National Park Service as a Park Ranger. He was with the National Park Service for seven years before joining the U.S. Geological Survey. He began working at the U.S. Geological Survey at the Mid-Continent Mapping Center in Rolla, Missouri in 1988. He worked in the Digital Cartography and Validation Section for five years before moving to his present position in the Coordination and Requirements Section. Mark is responsible for coordinating National Mapping Discipline activities, negotiating agreements and coordinating working partnerships with the state of Kansas, Arkansas, and Iowa.

Ed Crane KM started in Wyandotte County in 1973 where he was the chairman of an interdepartmental coordinating committee (Technical Advisory Committee) that designed and instituted automation of Land Data System (LANDS) and other automation technologies to support such tasks as reappraisal, election systems, and Enterprise GIS for the county. In 1989 he was asked by M.J. Harden to lead their efforts at supplying digital mapping and GIS databases to clients. Over his nine years leading the GIS Division, Crane supported progressive database development projects in over forty counties and cities throughout the mid-west. In 1998 Ed was asked to open a Kansas City Office for ESRI to better support the rapid growth migration to Enterprise GIS in the immediate region. Currently he is a Senior GIS Consultant supporting projects in Kansas and Arkansas. Ed has been a member of IAAO since 1986, is an active member of URISA and a Charter Member of both MAGIC and KAM.

Mark Dinkle has been the GIS Coordinator for Finney County and Garden City since this department was started in March of 1999. The Department is jointly funded by the City of Garden City and Finney County. This summer the department received ESRI's "Special Achievement in GIS.

John W. Dunham joined the DASC Staff as a Geographic Information Systems (GIS) Specialist in July 1999. John received his MS in geography from the University of Illinois at Urbana-Champaign, and his BA and Ph.D. in geography from the University of Kansas. Prior to working at DASC, John was a GIS analyst at the Johnson County Clerk's Office and a GIS Specialist at Burns & McDonnel Engineering. Among other tasks, John performs testing procedures to the Kansas GIS Core Database to ensure data Quality and compliance with Kansas standards, writing and editing AMLs and programs, and GIS education.

Jeff Durand received his teaching degree in Agicultural Education from Kansas State University. He is currently employed by Shafer, Kline and Warren working in both the Photogrammetry and GIS departments. Jeff has been a member of KAM for five years.

Chuck Firquain is the Manager of GIS, Mapping & Drafting at Water District No. 1 of Johnson County He received his Bachelor of Science degree in Civil Engineering from Finley Engineering College. His 39 years experience with WaterOne include:

Drafter - 1963
Construction Inspector - 1966
Chief Draftsman - 1973
Project Engineer - 1978
Manager Engineering - 1987
Manager Distribution Services - 1994
    New Service Connection
    Developer Services
    Mapping & Drafting
    Geographic Information System
Project Manager – GIS Feasibility Study - 1995
Consultant - PlanGraphics
Project Manager – GIS Design & Implementation Plan -1996
Consultant – PlanGraphics, Black& Veatch, Analytical Surveys & MJ Harden
Project Manager – GIS Data Conversion -2000
Consultant – EI Technologies, LLC
Manager GIS, Mapping & Drafting – 2002

John Wes Flack received his MA in geography from Georgia State University (GSU) in 1992. In Atlanta, he worked with the Gwinnett County GIS, and later with the GIS firm, Greenhorne and O'Mara. He has taught Geography courses at KU and GSU. He is currently working for the Kansas City Regional Office of the U.S. Bureau of the Census where he has worked on TIGER update operations for the last five years.

Dr. Richard Lisichenko received his Bachelor of Science degree in 1991 from the State University of New York at Oneonto, his Masters from Kansas State University in 1993, and his Ph.D. in 1999 from Kansas State University. He is a member of the Association of American Geographers, The National Council for Geographic Education, Kansas Geographic Alliance, and Kansas Academy of Sciences. His areas of specialization include Geographic Information Systems (GIS), Geographic Education, Geography of Russia and Eastern Europe, and Remote Sensing. He currently teaches World Geography, Introduction Intermediate and Advanced GIS at Fort Hays State University in Hays Kansas.

Carol McCoy is currently the GIS Manager for Olathe, Kansas. She began her career in Law Enforcement when she enlisted in the US Army as a Military Police Officer. After attaining the rank of Sergeant, she opted to return to civilian life and pursue a career as a Police Officer. After spending eight years as an officer, she was offered the opportunity to co-create the Overland Park Crime Analysis Unit. She went on to introduce Crime Analysis to the Lenexa Police Department before beginning her career tenure as GIS Manager for the City of Olathe.

Melissa Newton-Blume, PKM is a Registered Mass Appraiser with the Kansas Department of Revenue, Property Valuation Division. She has been involved with many areas of mass appraisal and cadastral mapping for the last seventeen years. Melissa is currently assisting with both alpha and beta testing of the NewCAMA software now being developed for county appraisers. She is also a mapping class instructor for the Division and has been involved with implementing a GIS at the Department of Revenue.

Tom Shaffer is an assistant Professor of Geosciences at Fort Hays State University. He received his Bachelor of Science degree in 1983 and his masters in 1990 from the University of Nebraska. In 1998 he received his Ph.D. from Kansas State University. He is a member on Kansas Academy of America Geographers and The Association of American Geographers. Tom's areas of interests include: Applied Agricultural Geography, Geographic Information Systems (GIS), Physical Geology, and Cultural Geography.

Amber K Shultz became an employee of DASC in November, 1995. She received a BA in Anthropology from the University of Kansas in 1997, and is currently pursuing a Masters degree in Geography from KU. She leads in the development and enhancement of the WWW home page (including cartographic and graphic design and layout), ColdFusion web development, and ArcIMS development.

Linda Sibert KM started her career in mapping as a manual cartographer for a small county. After seeing the versatility of GIS she knew she wanted to work in that field. Six years ago she came to Shawnee County as a cartographer and has worked her way up to her current position as GIS Coordinator. She and Kyle Tjelmeland from the City of Topeka organize a very successful GIS Day for Shawnee County.

Richard Sleezer received his BS in Geography in 1987 and his MS in Physical Science in 1990 from Emporia State University (ESU). In December 2001 he received his Ph.D. in Geography from KU. He has participated in numerous research and grant projects including a project funded by the Kansas Water Office to create a new and more easily usable database for use with available soil GIS coverage. The new database has been christened Soilslight and its intent is to simplify the existing database for use by non-soil scientists who are GIS users. Currently he is an Assistant Professor in the Earth Science Department at Emporia State University.

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

Stephen R. Thompson received his BS in Civil Engineering from Kansas State University in 1972 and has 18 hours of graduate study in Civil Engineering. He has been a licensed Engineer in Kansas since 1976. He was a Design Engineer and Project Engineer for Wilson & Co., Engineers & Architects from 1972-1982. He has participated in the design of highways, drainage systems, flood control, recreation and water supply reservoirs in the US, highways and drainage systems in Saudi Arabia, and an airfield in Egypt.

Steve has been a member of the GIS Technical Advisory Committee for Kansas since 1989. With funding from the National Science Foundation he established the first Associates Degree option in GIS and the first undergraduate GIS degree in the nation at KSU-Salina. He established the first GPS Base Station for Kansas in 1990 and has operated the GPS Base Station and provided GPS technical support in Kansas since then. He has been a grant receiver for the National Science Foundation for eight years. With student help, Steve has conducted numerous GIS/GPS applied research projects and made numerous GIS/GPS presentations nationwide.

Kyle Tjelmeland is the GIS Coordinator for the City of Topeka, KS a position he has held since 1991. Kyle holds a bachelor's degree from Kansas State University in Environmental Engineering Technology. Kyle has been involved in planning and hosting four GIS Day events during his tenure. The City of Topeka and Shawnee County share personnel, equipment and resources to make their GIS Day events fun and educational for the participants.

Ivan Weichert currently serves in state government as the Kansas GIS Coordinator assigned to the Kansas Information Technology Office (KITO) in Topeka. He has been in public service since 1993 and has previously worked as a GIS analyst for the Kansas Department of Health and Environment, and as the IT Director and Zoning Administrator for Shawnee County. He presently serves as the Chairman of the Topeka / Shawnee County Zoning and Platting Commission, Vice President of Topeka Habitat for Humanity, and Honey- Do Director for Midland Hospice Care, where his wife Karen has been the Director since its establishment in 1989.

Ivan's commitment to state mapping issues began in the mid 90's, when he served as Chairman of the State GIS Standards Task Force. And his commitment continues today with his involvement in a variety of local, state, regional and national initiatives; serving as Secretary for the Mid America GIS Consortium (MAGIC) and as a Director for the National States Geographic Information Council (NSGIC).

Tom Brown

I am honored to once again be considered for the position of Director of the Kansas Association of Mappers. As a current member of the Executive Board for our association, I have had the opportunity to gain an understanding of the decision making and leadership responsibilities that come with the title. If so chosen by the general membership to continue in these endeavors, I hope to bring this experience and the many other lessons in life I've gained over these years and assist in the lasting success of KAM.

I have been employed by County/State agencies for more than 20 years, which have all made use of mapping products in varying degrees. From the utilization of "old ASCS" photos to the more definitive KDOT highway plans, I have been using varied qualities and products for these many years.

I have been involved in KAM from my Charter Membership in 1986 and in the last few years I have become more active in the dealings of the association. I was a member and/or chaired the Nomination Committee for a number of years prior making the decision to run for Director myself. I could not invite others to lead our group if I myself was not prepared to do the same.

I welcome your continued vote of confidence.

Don Cleveland

VP Business Development
Photogrammetry Division
M.J. Harden Associates, Inc.

Professional Affiliations

American Public Works Association / Kansas City Metro Chapter
American Society for Photogrammetry and Remote Sensing (Certified Photogrammetrist)
American Congress on Surveying and Mapping
Missouri Mappers Association (Charter Member)
Kansas Association of Mappers (Charter Member)
Management Association for Private Photogrammetric Surveyors

Experience

Mr. Cleveland joined MJH in 1969 and now serves as Vice President of Business Development in the Photogrammetry Division of M.J. Harden Associates, Incorporated. He has held numerous Board of Director positions in several professional organizations:

Seven years on the Kansas City Metro Chapter, American Public Works Association Board of Directors
Five years on the Missouri Mappers Association Board of Directors

Currently serving one year on the Kansas Association of Mappers Board of Directors

Jeff Durand

I received a teaching degree in Agriculture Education from Kansas State University. I am currently employed at Shafer, Kline and Warren working in both the Photogrammetry and GIS departments. I have been a member of KAM for five years and participate in the conference every year. This year I am teaching two sessions. I look forward to each conference to meet people and make new friends. I would like a Director's position to be more involved and help support the organization

Jean Edwards KM

I'd like to introduce myself to all you fellow mappers in Kansas and KAM members. I'm Jean Edwards,KM from Greenwood County in southeast Kansas. I work at the county appraisers office and do the mapping. I've been there for 11 years but have only been doing the mapping for the last 4-5 years. It was an enjoyable challenge learning all the techniques and qualifications to do the map work. I really enjoy going to the KAM conferences and seeing friends and meeting new ones. I look forward to our Metes and Bounds publication for new information too. The past couple of years I have been on the Legislative committee. So this year I

2002 Exhibitors

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GISEdge, Inc.

ESRI

Horizons, Inc.

KBP Reprographics

KSLS (Kansas Society of Land Surveyors)

Laser Specialists

MarkHurd

MAGIC (Mid America GIS Consortium) **BENEFACTOR**

Midland GIS Solutions

MJ Harden Associates, Inc

PMC ProMap Corporation

R&S Digital Services

Sanborn Inc.

Seiler Instrument

Shafer, Kline & Warren, Inc.

Western Air Maps, Inc.